

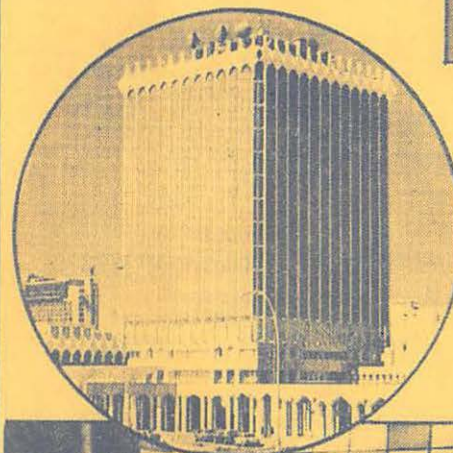
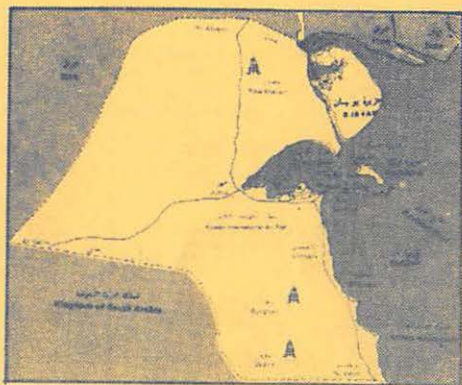
FRENDX



دولة الكويت
STATE OF KUWAIT

وزارة الإعلام
MINISTRY OF INFORMATION

الإذاعة الكويتية
RADIO KUWAIT



STATE OF KUWAIT IN BRIEF

- POPULATION : 1,357,852
- Area : 17,818 Square Kilometre.
- Location : Situated Between Latitudes 28°45 & 30°S North, & Longitudes 48° & 49°30 East of Greenwich.
- Climate : A Mixture of Desert & Mediterranean Climates.
- Monetary Units & Exchange Rates :
1 Kuwaiti Dinar = 1000 FILS
1 US \$ = 254 FILS
1 UK£ = 418 FILS
- Average Individual Income :
8015 Kuwaiti Dinars/Per Annum

دولة الكويت

- عدد السكان : 1,357,852 مليون نسمة
- مساحة الكويت : 17,818 كيلومتر مربع
- موقع الكويت الجغرافي : بين خطي عرض 28°45' و 30° شمالاً وخطي طول 48° و 49°30 شرقاً
- مناخ الكويت : قاري
- العملة : الدينار الكويتي = 1000 الفيلس
- دولار أمريكي = 254 فيلس
- جنيه إسترليني = 418 فيلس
- متوسط دخل الفرد : 8015 دينار كويتي في السنة



NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

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NO COLLECT CALLS ON THESE ADS, PLEASE

WANTED: Drake R7A receiver with AUX-7. Must be in absolute mint condition. State price and all modifications and additions (filters, etc.). Peter j. giacopelli, 305 Ocean Avenue, Malverne, NY 11565. Phone (516) 775-2519.

FOR SALE: Regency K-500 40-channel programable scanner, 30-50, 144-174, 440-470, 470-512 MHz and Realistic DX-302. Both in excellent condition. Price \$300.00 for both, you pay shipping. Phil Bernacke, P.O. Box 203, Tumacacori, AZ 85640. Phone (602) 398-9234.

FOR SALE: Sony WA-8000 SW cassette-recorder, radio/alarm, FM stereo. Price \$100.00. Bob Overmyer, 2331 Shoreland Avenue, Toledo, OH 43611. Phone (419) 726-4024.

WANTED: SPR-4, preferably with noise blanker. Must be late model. Or Yaesu FRG-7. Alfred Lisanti, 8201 4 Avenue, Brooklyn, NY 11209. Phone (718) 680-8164.

FOR SALE: Realistic DX-200 receiver in mint condition. \$100.00 or best offer. Phone (207) 547-3852.

FOR SALE: Customized Beam Headings (from/to) and Distances (MI/KI) to over 355 WRTH transmitter sites. ITU Country Codes included. Send your location or coordinates, \$6.00. WRTVH '84, \$7.50. FRENEX complete '84, \$5.00. How to Improve SW Reception #3, \$2.50. Confidential Frequency List (4th edition); How to Listen to the World (5th edition); N.R.C. Domestic MW Log 70-71; N.R.C. Latin American MW Log 71; \$2.00 each. Cashiers Check or Money Order. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

NOTICE: Ads are published in FRENEX when space is available. There is no charge for this service. Send all ads to NASWA Headquarters at 45 Wildflower Road, Levittown, PA 19057. Please write plainly and give all pertinent information and state who is to pay shipping on items. Ads cannot be repeated without another written request.

NASWA ITEMS: There are still a few NASWA stamps on hand. This stamp adds a distinctive touch to your correspondence and identifies you as a NASWA member. The price of \$3.50 includes postage.

Also available are the NASWA Foreign Language Reception Report Guides. These are not merely forms to be filled in, but are actual guides designed to help you make up your own report in Spanish, Portugese, French, and Indonesian. The price is 75¢ each.

CONTACT

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

Here in Rhode Island it is hot, and very humid -- most unpleasant. I find myself wishing for the return of cooler weather and with it the return of good listening conditions. Well, until that time comes, let's take a look at your letters: It's a mixed bag this time, so we'll be touching upon a number of subjects.

A letter from Erich Schulman (Oak Ridge, Tennessee) arrived only just too late to be included in the last CONTACT:

I am writing to you in response to your CONTACT column in the May 1985 FRENCH. First, I would like to comment on Tim Davison's description of more no-data QSLs as a sad trend. I much agree. If a station lacks enough time and/or personnel to issue decent cards, why can't they use "do-it-yourself" QSLs like Radio Canada International? Alternatively, I wouldn't mind waiting an extra month if I knew I'd get a QSL that really proves something. (Example: suppose that you have two BBC QSLs with the same picture, same message from the engineer, etc. One is for Ascension, the other for Sackville. How can you really prove one is Ascension and the other Sackville -- not two Ascensions, two Sackvilles, one Lesotho/one Singapore, one Antigua/one direct UK, etc.?)

...I am also answering your question on logging. I like to have a very detailed log reflecting all listening. I think a tabular format is too rigid and restrictive. I use a flexible, easy to modify sentence format showing whatever I know. (The exception is for official monitor reports.) ...

I started DXing in April 1980 but it was 99% medium wave. Beginning December 1982 I graduated to shortwave completely (now 99% SW). I pretty much gave up MW as it has no potential for DX [I think I know some people who might just possibly disagree with you about this.--sgm] (I can seldom hear TWR-Bonaire on 800kHz, and when I do they're weak -- and that's 500kW! I've never heard SAm on MW...) Also, the programs on U.S. MW are not worth a !"# \$ or a %&() or a @+*? [I'm not sure that I should be printing this kind of brazen vulgarity--sgm]; I've been uninterested in FM and TV for a long time. My first club was HCJB's ANDEX in February '84, and the second was NASWA in December '84. I became an official monitor for Radio RSA in December '84 and Radio Prague in March '85...

Erich included two report forms (English & Portuguese) as well as an example of his monitoring format. Very nice work, and very detailed indeed.

It was, as usual, a pleasure to receive a letter from John Demmitt (Bellefonte, Pennsylvania; editor of "Tips 'n' Topics" in SPEEDX):

I've been compiling a lot of lists for the new IRCA almanac and needed a refreshing break so I decided to go over your recent column for my reading pleasure [I really must take most serious issue with Chaucer's Parson: "Flaterie is generally wrongful preysing."--sgm] and an idea occurred to me that I thought I'd bring to your attention.

Duke Alexander's item about the required shortwave bands was very interesting and I think we should get a copy of that bill and run it in our columns and get some support for this. It will be a big plus for the SW hobby not to mention the millions of people who will be purchasing radios in the future.

Let's get some more info on this and give it the support it deserves...

This is **BIG!** Let's do something with it.

I hope by the next CONTACT column to have a copy of the bill in question. I could use some help, however: John suggests that we get a copy of the May '85 issue of CQ in order to take a closer look at the interview with Sen. Goldwater. Strangely, none of the local libraries carries CQ (the general preference seems to be for QST from the American Radio Relay League). So, if any of you have the issue in question, I would appreciate very much the opportunity to see it.

And speaking of Duke Alexander (Houston, Texas; Texas Bureau, Studios and Sales Agency, Radio Earth International, Inc.), we have the following letter from him:

I am a bit late with this letter but was hoping to be able to give you info regarding the Radio Earth North American broadcasts. Unfortunately nothing finalized yet so no NA broadcasts. But Jeff is working hard on the matter. We are all of course looking forward to ANARC.

Although a bit late, I would like to thank you profusely for the printing of my contributions on page 1 of June FRENEX. Got a letter from John Demmitt who may be giving some publicity in SPEEDX.

The following items may be of some use:

For 39¢ in U.S. stamps or 2 IRCs you can get a free full color map of Alabama from NDXE. This is the Official Highway map produced by the Alabama Dept. of Highways (similar to the maps you pay \$2.00 for at gas stations) and includes a lot of interesting info about Alabama. Please remember to mention that Duke Alexander told you about this. Send to: H.D. Norman, P.O. Box 569, Opelika, AL 36801.

H. D. Norman told me recently that the FCC has extended his construction permit for NDXE and hopefully we can expect the station to begin construction soon.

NDXE will be a commercial shortwave station located in the United States. The programming will be quite varied with news, all kinds of music, sports, talk shows, etc. If you want to find out more, there is a very informative article (Here's Station NDXE) by Gerry Dexter in Popular Communications, May 1985, pp. 32 - 34. Thanks for your letter, Duke.

I was so excited by Mr. Norman's idea to require SW capability for all radios sold in the US costing over \$30, that it never occurred to me for a moment that there could possibly be any objections to it. I was wrong. It was, therefore, with a certain sense of surprise that I received the following letter from Andrew B. Wertheimer (Golden Valley, Minnesota):

I am a 16 year old, 'active SWL', and a member of NASWA. I discovered shortwave radio around 4 years ago when my Dad introduced me to it on my Hallicrafters. Since then I have enjoyed listening and some DXing on my (Yaesu) FRG-7700.

I read Mr. Norman's proposal (June) with much interest. I feel that the U.S. Government should not have to force any manufacturers to include the SW spectrum on any radios.

First of all, when you say "all radios over \$30", that would include: walkmans, boom boxes, car radios, stereos... Of these, not all even have the MW band, because of size or cost priorities. I have listened to a few of these radios which do cover the SW [bands], and most of them only receive a few high power stations (such as WRNO, VOA, WYFR, HCJB, R. Havanah) and something I call "la Voz del Static". (Not even the BBC!) I don't think that such a small [number of available] stations, or the [lack of] availability of [more] SW radios will endanger your right to (exchange) information. SW can be a very informative and entertaining source, but we should not force SW on anyone (or any radio).

As to ways to promote SW, I would recommend distributing (to bookstores...) "DXing According to NASWA" and any other material to peak interest and let people discover SW. Thank you!

Well, thank you very much; I must say that you seem a very thoughtful SWL -- the best kind. I hope that you'll forgive me, then, if I take the liberty of disagreeing with you to a certain extent in your view of the Norman proposal. True, the final form of the law will have to be very carefully thought out to prevent absurdities (e.g. the presence of the full SW spectrum on a palm-sized walkman: intriguing, perhaps, but impractical.) I remember, as will many of our readers, when it was first suggested that all televisions sold in the U.S. must be able to receive UHF as well as VHF channels. Many of the arguments you suggest here were put forth then: UHF capability was being forced upon consumers; this, in turn, would increase the cost; in any case it was difficult to imagine that the consumer would benefit in improved entertainment or greater access to information. Time has more than adequately demonstrated how unfounded these fears were: both the consumer and the television industry have benefited enormously. This is only my opinion, and I would be very interested to hear from you, the readers, about this.

Next a very nice and personable letter from Cathy Turner (Yonkers, New York):

Enclosed is a clipping from the N.Y. Times. I thought you'd enjoy reading it.

I am still rather new to shortwave, and would like to second the motion for a 'novice' column in FRENEX. There are so many books, etc., that it gets very confusing. It would be great to have someone to help 'sort you out'!

I grew up with shortwave. (My parents knew someone on the staff of HCJB.) I didn't really start to take it seriously till last year when my husband bought a Sony ICF-7600A. Little did he know I'd become hooked on SW to the point where the Sony was driving [us] crazy with its limitations, and we'd end up parents to a Kenwood R-2000! But, Bob doesn't mind. He'd rather have a mailbox full of foreign-postmarked letters than bills!

Good luck with your column. I enjoy reading it.

First, thank you for the kind words. Second, thanks for the N.Y. Times article (Sunday, 9 June 1985). It was written by the NYT audio expert Hans Fantel and is entitled "Shortwave Radios That Put The World In Your Hand." In the space of about 12½ column-inches Mr. Fantel introduces the most elementary principles of SW broadcasting; makes out a case for American travelers abroad being able to stay in touch with things at home by taking a SW radio with them and listening to AFRS and Voa; and finally suggests two radios he considers suitable for the purpose: the Sonics ICF-2010 and ICF-2002. In the course of his technical introduction, I was both struck and amused by a term he used in place of ionospheric propagation: "celestial reflection".(!) I hope that you will have noticed, Cathy, with pleasure, as I did, the Institution in the July FRENEX of a column aptly entitled NASWA NOVICE ably edited by Gregory Bailey.

From Emily Bershad, R.D. (Freehold, New Jersey) I received a letter which began:

I'm a newcomer to shortwave listening since my retirement in October 1984. I should appreciate a column of questions and answers addressed to new DX/SW listeners. Emily then went on to pose some questions about antennas and her listening situation, which I attempted to answer as best I could in a letter to her. Once again, the NASWA NOVICE can come to the rescue in cases like this. In any case, I hope, Emily, that I was of some help.

Finally, from Jackie Cole (Denver, Colorado) comes this nice note:

Enclosed please find a photo taken at a recent meeting of Colorado area Dxers. The meeting was on June 1 and was hosted by Rodney Johnson, Jr. The meeting consisted of viewing QSLs, inspecting radios, and "hot tips." After this there was a bar-b-que.

Included in the photograph are: Marty Hysom, Brad Hart, Joyce Davis, Richard Davis, and Jackie Cole. Sounds like fun. I hope you share your "hot tips" with FRENEX.



Well, that's about it. My deepest thanks to those of you who have taken the time to write, and encouragement to those who haven't yet written; thanks, as well, to readers one and all.

\$\$ CONTACT NOTES \$\$

I had the pleasure of another chat with Larry Magne of Radio Database International. In spite of the delays in the appearance of this important work of reference, he firmly counselled patience. The delays, he says, have been due entirely to the difficulties of bringing innovative solutions to difficult and mercurial problems for the first time. The final product will more than justify, I am sure, the present delays.

As I pointed out earlier, it is wonderful to see the NASWA NOVICE column that so many of you have asked for. So, in the future when you have a technical question, please send it to that column so that the answer can appear in print and help the largest number of people. I can hope nothing more than that you will be as supportive of Gregory as you have been of me.

Earning my 'bread and cheese' (as the English put it) by being a professional musician (also trained in ethnomusicology), I am extremely pleased to see the appearance of a SWL music column--SOUNDWAVES--in FRENEX. This is a huge field, touching upon many disciplines. I hope that you will give editor Paul Lannuier your support -- I know I will.

73--



Easy Listening

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

"Easy Listening" is not alone. Yes, indeed, there are other people who not only DX but also have a genuine interest in the programs they listen to. This month, as a matter of fact, I would like to bring to your attention "The International Broadcast Listener's Computer Program" available from Ronald Pokatiloff, 2662 Sheridan Rd, Zion, IL 60099. Instead of the usual listing for Sunday this month, I'd like to show you what Ronald has to offer, either on a Commodore 64 cassette or on a print out. The information, by the way, is copyrighted and all rights are reserved by Ronald Pokatiloff. Reprinted with permission.

SUNDAY

2300/BBC/News/ 9 AN/15 A. Cook/ 30 Cathedral-DOC
2300/RCI/News/Sports/ 5 DX/30/CBC/House
2300/RM/News/10 Let/ 25 Pol/35 Talk/40/Cult/45 Int REP
2300/Bul/News/Let/20 Science/35 Views/45 DX/53 Music
2300/ISR/News/10 Let/25 DX
2300/RS/Food-Music-Tour-ETC

If you are interested in "The International Broadcast Listener's Program" you may contact Ronald Pokatiloff at the address listed at the head of the column.

MONDAY

0200-0230: "Dateline" (Swiss Radio International, Switzerland). "Dateline" is a combination news and current affairs program. The first ten minutes of the program is International News (including stories of both international and primarily Swiss interest). The rest of the program is news feature stories. Some examples include the referendum on Cyprus by the Turkish leader, the Conference on Human Rights in Ottawa, and the Swiss export business. (6135/9725/9885/11925/12035. Repeated at 0400 on 6125/9725/12035/15305). Daily

2240-2250: "RBI DX Club" (Radio Berlin International, E. German). The program is run every other week; the weeks between are repeats of the earlier broadcast. An excellent program for those interested in the technical aspects of DXing, including propagation information, explanation of sunspot activities and corona holes, antennas, even TV and VHF DXing. There are also DX tips for club members sent out from the station. Joining the club requires three reception reports covering a period of at least 20 minutes. (6.070-6125. Repeated at 0125, 0155, 0255 and 0555. At 0125 and 0155--9730/11.975. At 0255--9.560/9620/11/970, and at 0555--9620/11970).

TUESDAY

0120v-0130v: "History and Today" (Radio Prague, Czechoslovakia). This program looks back in history, usually to World War II, examines some event briefly and attempts to trace its relation to current problems, particularly problems between U.S. and the U.S.S.R. Guess who gets blamed for the cold war. (5930/7345/9540/9740/11990. Repeated at 0320v on 5930/7335/9540/9740/11990).

0130-0200: "Report from Austria" (ORF, Austria). Five minutes of international news begins the program which then consists of various news features interspersed with some beautiful Strauss music. Typical features include home construction in Austria, a report on the renovation of concert halls and the increasing number of summer music festivals in Vienna. Tuesday's program also includes "Austria and the UN". (6000/9635. Repeated at 0330 on 5945/6000) M-F.

WEDNESDAY

0135-0145: "Latin American Songs" (Radio Havana, Cuba). This program features songs from all countries of South America, three songs from three countries per program (as a rule). Song titles are given in Spanish and English but otherwise no commentary about the music. Repeated at 0335 and 0535. (6090/6100/6140/9740/11725). Program is on M-W-F.

0310-0355: "VOA Jazz Hour" (Voice of America, U.S.). An excellent program of the best contemporary jazz in the U.S. Some programs feature a single group, others play music from several groups. In either case the names of the musicians on each instrument is given, but there is very little commentary other than that. (5995/6130/9455/9650/15205/15375/17730). M-F.

THURSDAY

0215-0230: "Stories from Ancient China" (VOFC, Taiwan). The program includes both completely fictional stories as well as legends about famous Chinese figures (Li-Po, the poet, for example). Some of the stories have been about magic mirrors and an old man who wants to learn the black art in order to help others. The program on Li-Po, of course, included the famous story of his death by drowning when he leaned out of a boat to embrace the reflection of the moon in the river. (5985/9680).

0430-0445: "BBC Country Style" (BBC, England). Performances by and interviews with country music performers, mostly Americans, such as Kenny Rogers, Dolly Parton, etc., most of them quite well known in their field. (6175/9510)--Hartsell, CA)

FRIDAY

0210-0230: "Focus" (VOA, U.S.) This program focuses on a single issue of national or international interest and examines the topic in detail, including interviews with experts in the field. Typical programs have focused on gun control in the U.S. and the Islamic revival overseas. Every two weeks there is a special segment on the nature and consequences of World War II. (5995/6130/9455/9650/15205/15375/17730). M-F.

0430-0445: "That's Trad" (BBC, England). This is a program for the lover of traditional rather than contemporary jazz. Past programs have featured performances by and interviews with W. C. Handy, original recordings of Louis Armstrong, and New Orleans Marching Band Jazz. (6175/9510).

SATURDAY

1600-1700: "Paris Calling Africa" (Radio France International, France). Although this program is broadcast to Africa rather than the U.S., readability is usually good, and it's about the only chance we have to listen to anything but international news from RFI. Ofcourse, there's news here, too; it begins with it like most shortwave broadcasts. But the program also includes African popular music, "News from African Continent", and information about France itself (regional differences in French culture, for example). (17620/15315). Daily

2210-2230: "Saturday" Special: (Radio Sofia, Bulgaria). This program, or at least the editions I've heard, seems to focus on Bulgarian history. It is a series of short features about Bulgaria including features on the buildings in the old capital of the Bulgarian Kingdom, the 800th Anniversary of the liberation from Byzantine rule, and "Children's Day". (9700/11720. Repeated at 2340 on 9700/11720 and at 0340 on 11750).

As a final note, I'd like to welcome Harry Hartsell of Lompos, CA., to the column with his first contribution. I'm sorry there wasn't room to print both his recommendations, but I only had permission to use the Sunday edition of the "International Broadcast Listener's Computer Program". Harry, by the way also recommends "Australian Country Style" on Radio Australia, Sundays at 0530 on 15320 and 15395.

I'd like to hear from more of you. When you report, please include: 1) the day of the week (U.S. time--changing days at 0700 GMT); 2) the time (GMT); 3) the name of the program (not absolutely necessary if you can't catch the title, but preferred); 4) the station and country; 5) a brief description of the program details; 6) the frequencies.

Until next month, good listening.

(((((SoundWaves))))))

Editor: Paul Lannuier 25 Mac Arthur Ave. Closter N.J. 07624

Hello, and welcome back. Since this is the time of year that all the Mid-East stations are rolling in, we will focus this month on Arabic music. The music of these countries always seems to make my mind conjure up images of desert caravans, Egyptian bazaars, and snake-charmers. Although it all may sound the same to many, I find a noticeable difference in the musical styles when I compare the music played in different Arab countries. For example, Egyptian music is greatly centered around stringed instruments. This dates back to when Egypt was dominated by the Greeks, as early as 332 B.C. (The foremost instruments of ancient Greece were the 5-stringed Lyra and the 11-stringed Kithara). Later on, when Egypt was under Arab and Turk control, the music started to develop it's indigenous traits like the 24-note 'quarter-tone' scale. (Western music is based on a 12-note, 'semi-tone' scale). Turkish music, on the other hand, has a totally different sound altogether, since their scales are based and calculated on the basis of the Pythagorean system. This would take up the rest of the issue to explain, so if anyone is really interested, I refer you to the Harvard Dictionary of Music, available at most fine libraries. So, now we can start dealing with radios....

Although most Mid-East countries have English language services, either intended for North America or just easily heard here, usually the music will consist mainly of pop tunes in order to attract English speaking listeners. A good example of this is Radio Jamahiriya and their "Happy Music" show. (I always find that show somewhat refreshing after listening to their other winners like "Under the Shadow of the CIA" and "Revolutionary Thought!"). So to hear the 'good' stuff, your best bet would be to tune to the Arabic domestic broadcasts. The best times to catch the Arabs are in the morning hours and later on in the afternoon towards dusk.

Here are some suggestions:

KUWAIT- the Main Arabic Program is broadcast daily 1530-2215 GMT on 9840 kHz. It is usually best heard towards late afternoon with lots of tunes and some Arabic talk.

EGYPT- the General Arabic Program home service is relayed on shortwave 1500-1800 GMT on 9850/11665/12050 kHz, and 1800-2345 GMT on 9475/9850/11915/12050 kHz.

LIBYA- I often hear the home service relay and the "Voice of the Arab World" on 17930 kHz. The '85 WRTH also lists 7150/11795/11865/15235/15415/15450 kHz and

others for all different times of the day. Most of the transmitters are 500 kW.

UNITED ARAB EMIRATES- by far my favorite Mid-East broadcaster, Radio Dubai's current schedule has them listed for the following times: 0230-0415 GMT to No.America on 7310/9565/11730/15435 kHz. Also try 1775 kHz at 1700-2100 GMT & 15300/15320 kHz at 1500-2100 GMT.

SYRIA- there is definately no shortage of music on any Radio Damascus broadcasts! This station has just recently returned to the shortwave bands after many silent years. Their No.American service is from 1200-1300 GMT in English on 17840 kHz, and they also are on the air 1835-2105 GMT in a variety of languages, with English for the last hour (2005) on 12085/15435 kHz.

These are just a few of the stations that I've been hearing. There is undoubtedly a great number more that I have not heard. If I missed any of your favorites, let me know and I'll write 'em up in a future edition.

In the mailbag this month comes a letter from Brian Teasley of Edina, MN. He says that he listens to some music on SW, but finds the overall audio quality difficult to deal with. I can certainly relate, but it's not the audio quality that thrills most SWL's, but the fact that a signal of relatively low power can travel thousands of miles from some exotic place to one's own living room. Some of the programs that Brian enjoys include the BBC Top 20 show and the Voice of Spain's Top 30 program. He also says that Radio Havana plays some "Good Cuban Music" on Saturday nights.

Sheryl Paszkiewicz writes in and says "I've found that DX'ing is much more enjoyable when one is able to hear local music on the stations he or she is trying to 'catch'". She prefers stations from Africa and the South Pacific. Here are some of the tips she sent along: BBC Top 20, featuring Paul Burnett, is heard at 2330 GMT Wednesdays on 9590 kHz. Sheryl say it's "a must if you're interested in the UK pop scene". Also from the BBC is the John Peel Show. This features "new music from new English bands". John Peel is an announcer for the 'Radio 1' domestic service, and his 30 min. show can be heard at 0330 GMT Tuesdays on 6120 & 6175 kHz. She noted New Caledonia on 7170 kHz in the early morning hours playing a wide variety of tunes with announcements in French. Lastly, she mentions the Voice of Turkey playing Arabic music, heard best at 2200 & 0300 GMT on 9560 in English, and also a new frequency for Africa No.1, on 15475 kHz between 1700 or so until 2300 GMT,

That just about wraps things up for this time. Don't forget to keep the contributions coming, 73's

Paul



Editor; T.J. "SKIP" AREY, WB2GHA, P.O. BOX 45, Beverly, NJ 08010

R-390A REDEUX

(Or... Excuse my French)

One day, about three years back, I found myself glancing at the classified ads in our local newspaper. At the time I was in search of a second car. My eyes fell on the column heading "CB and Ham Equipment". Oh well...It doesn't hurt to look. FOR SALE - R-390A \$200 call... That's all it said. That's all that needed to be said. The owner knew what he had and the simplicity of the ad made it clear as to who he wanted to sell it to.

I was on the phone like ugly on an ape. Two hours later I was straining under the 75 pound weight of what I believe to be one of the best communications receivers ever hooked up to an antenna. It began a love affair that prompted the birth of "The R-390A Users Group" (now the Hollow State News) and has increased my upper-body strength with each family move.

What I would like to examine at this point is how well the R-390A is standing the test of time against the new generation of communications receivers.

Unlike most, I will begin with the bottom line.

At prices ranging from \$175 to \$350 for an R-390A in good working order, I feel it is next to impossible to get more for your money.

What's the trade off??? You had better be willing to spend some time on the care, feeding, and maintenance of your receiver.

Explanation to follow.

Fair Radio Sales will sell you an R-390A for \$335. Baytronics will let you have one for \$175. Davilyn Corporation is asking \$400. These outfitters also sell parts and parts units as well as used/repairable rigs for the more adventurous. So with an average price in the neighborhood of \$275 (about what you would pay at a hamfest or fleamarket) you can be the proud owner of an R-390A. So what else is currently available in this price range?

The Kenwood R-600 is being discounted at \$299 with the R-1000 going for \$100 more. The new Sony ICF-2010 can be found for \$239.95 and the ICF-2002 for \$150. Heathkit lists their new SW-7800 at \$349.95 in kit form. Radio Shack will try to sell you their DX-400 for \$299.95 if your foolish enough to pay for it.

Of the above listed new receivers only the R-1000 begins to enter the parking lot outside of the ball park of the R-390A's performance.

Someone in the market for a Kenwood R-2000 (\$475), an Icom R-71A (\$639), a Yaesu FRG-8800 (\$529) or one of the ham transceivers with general coverage such as the Kenwood TS-430S might never miss the performance advantages of the R-390A. But \$250 is half of \$500 and you don't need your home computer to see the savings.

Some would argue that the R-390A is still head and shoulders above the \$500-\$1000 receiver class as well due to its bank of mechanical filters and permeability tuned front end.

But then, I am a practical man. If I could have afforded an R-71A or a TS-430S I probably would have opted for the smaller size and solid state chassis. The simple fact is that I had \$200 to spend and that bought an R-390A. And now that I have it and have learned to maintain it I see no reason to own anything more "modern" as the performance of the R-390A spec. for spec. makes the changeover a waste of cash.

Now the "bad" news.

The R-390A, while being stable, sturdy, and precision built, still has an age of 15 to even 20+ years. It is a tube type chassis and two of the tubes used are very hard to find requiring the user to scrounge and stock up tubes as well as performing minor surgery to "solid state" your way around the rare tubes.

When I first lifted the covers off my R-390A I thought I was in for the most difficult and complex work of my radio hobby. Despite its apparent complexity, it is a remarkably easy radio to troubleshoot and service. The military manual is ultra-thorough and the receiver itself is really a collection of individually removable and servicable modules. Each stage and section can be taken out and treated on its own. The biggest advantage of this is that if you learn (or have learned) radio theory in terms of the stages of the receiver and the jobs each stage performs, it takes you about three seconds to decide where to look for most problems. Once you have narrowed it down to a particular module you can lift that module out of the R-390A and service it as needed. Just try to do that with a modern rig like a ICF-2010. You would be lucky to get the back off. Once inside there is very little you could do. But in the R-390A everything is Big enough to get to and work around.

In the three years of ownership I have performed only one "needed" repair and that involved little more than replacing a tube. Once I discovered that the R-390A was not a bear to work on I did perform a number of modifications, more or less just to try them out. The R-390A forgave my mistakes and gave me numerous second chances. Try to do that with modern CMOS ICs and you will take up needlepoint as your next hobby.

An absolute beginner in the shortwave hobby might do better to try a lower priced new or used receiver to start out. But once an individual decides to take this hobby of ours seriously, if money is an object, one must give serious consideration to the R-390A.

R-390A SPECIFICATIONS (A Users Look)

Sensitivity- 9uv-5uv on the lowest band. Most serious DXers use a pre-amplifier or preselector above 20Mhz. The R-390As selectivity more than makes up for its sensitivity figures.

Selectivity-Mechanical Filters for 16,8,4,2 KHZ

Ceramic Filters for 1, .1KHZ

Wide/Narrow audio switch for CW reception

You haven't really experienced a tight IF until you have DXed with a Collins 4 Khz mechanical filter like the one in the R-390A

Stability- The Rock of Gibraltar will move off frequency first. I know of one R-390A user who's radio table collapsed, dropping the rig 3½ feet to the ground. Even that did not make it go off frequency. One day with an R-390A and you will forget that tube receivers drift. It has a crystal oven to increase stability further but I have never felt the need to turn my oven on.

Dial Calibration- Within 300 Hertz. Remember, this is not a modern PLL tuned receiver. Still if your ears can detect 300Hertz, go to the head of the class. For my purposes I'll just tap the tuning knob a hair.

IF (1st) 455 KHZ a nice standard IF allowing for easy hook up to "Digital Dial" frequency counters, Q-multipliers, Notch circuits etc.etc.

Sources for the R-390A:

FAIR RADIO SALES COMPANY
P.O. BOX 1105
1016 E. EUREKA ST
LIMA OHIO 45802

Sources Continued:

DAVILYN CORPORATION
13406 SATICOY STREET
NORTH HOLLYWOOD, CA
91605

BAYTRONICS INC.
P.O. BOX 591
SANDUSKY OHIO 44870

Well I feel the column is starting to shape up. As I said last month, I only have my R-390A and my Panisonic RP-9 here to review so please send in your impressions of any other receiver you would like to see examined to PO BOX 45, Beverly, NJ 08010. Also we are looking for your technical articles and materials to keep this column alive and well. Among the articles we are planning for future issues is the setting up of a new listening post in your home. A technical reveiw of your needs in this area.

73

Ship W.B.Z.G.H.A

VOA UDORN RELAY STATION OPENING Bill Whitacre

The first week of March was a landmark in VOA history. It saw the groundbreaking of three new relay stations in Morocco, Sri Lanka and Thailand.

USIA Director Charles Z. Wick and VOA Engineering Director Robert Frese formed part of the Washington Delegation to formally dedicate the sites. I was able to catch up with them in the province of Udorn in northeast Thailand some 560 kilometers north of Bangkok, for the March 7 ceremony.

The new facility will supplement existing coverage provided by a VOA mediumwave facility near Bangkok. The station will consist of 7 high power transmitters to increase VOA coverage of southeast Asia and the Far East. One transmitter is to be reserved for the Thai government in order to improve their own international broadcasting capabilities.

In short speeches, Director Wick, the Director-General of the Royal Thai Public Relations Department, Mr. Danai, and the Deputy-Governor of Udorn Thani Province, Mr. Kopit, all stressed the cooperative and mutually benefical nature of the agreement. In his remarks, Director Wick pointed out that the State-of-the-Art Facility will expand both VOA and Radio Thailand's listening audiences. Deputy-Governor Kopit also noted the economic and technological benefits which the new facility will create for his province.

Relay Station Manager, Nicholas Olquinn told me excavation and construction will begin within the year, the new station is scheduled to be on the air by 1989.

THE OLDEST STORY EVER TOLD

Dr. Harold Cones
Newport News, Va.

A thousand feet of bare wire in 100 foot coils, each coil resembling the world's worst backlash on a cheap fishing reel. At least the Channel 10 news team had left with their videocam, so we had no witnesses to the three stooges' folly taking place. While two of us walked the antenna path and put up insulators, the three stooges alternately wrapped and unwrapped each other with that damned wire and finally patched it together and got it strung: 1000 feet of antenna aimed directly at the South Pacific. Then came Act Two of the comedy - throwing sparkplug wrenches (with string attached) over tree limbs so the active antennas could be pulled high in the air. At last it was finished, and Lyn's trailer did a very nice impression of a dead porcupine with its quills thrust to the heavens.

The first official all-nighter of the Old Dominion DXers was underway. Several pizzas and an unknown quantity of Molsons later led us to a break- the 11 o'clock news and our smiling faces on the local news. A very nice piece of news if you overlooked the references to us as Radio Amateurs with a mile long antenna in a neighboring city and the crotch shot of me carrying in my receiver. A little journalistic liberty, but what the hell, there we were on TV and local folks learned a little about SWling. A SWL reporter spent some time with us that evening which resulted in a well written article in the local paper that smoothed over the mistakes of the TV folks, so all was not lost.

Things began to pick up with the sign-ons of the Africans and we began work on our first goal- to log 100 countries by morning (which we met, with a little journalistic liberty, following the lead from the TV folks). As the Molson flowed and the night wore on, ODDXers began to drop like flies, leaving a small dedicated core to carry on. A point of depression cropped up about 3 AM as we began to realize that our "mile long" antenna was being out-performed by the tree-top actives and that we were down to our last six-pack of radio tuning oil.

Then it happened! The South Pacific began to open up and we got ready to awake the prone bodies on the floor. Just as suddenly a little static began to creep in, and within a few minutes, all bands were down, without even a peep from Radio Moscow being audible. A little of this and the sun began to rise and we did likewise. Feeling much like the loser on election night, we began to untangle the actives from the treetops and load our cars to return home and lick our wounds.

The winners on this DXpedition were the sleepers, but what the Hell. There is always next time, and we might get home to find the mailman has delivered a QSL from Botswana or Radio Uganda or a nice letter from Radio Turana. At least my wife's worst fears were confirmed- short wave listeners are like hopeless gamblers, always looking to the big win that might just happen with the next push of the on button of the old Yaesu or the next stop of the mailman. But then I guess we wouldn't have it any other way, would we?

NASWA AWARDS

The following is a list of those receiving awards in the NASWA program. Others interested may obtain a booklet giving the requirements from NASWA Headquarters for \$1.00.

MASTER DX CENTURIAN

Tom Gavaras, Minnetonka, MN
John Sgrulletta, Mahopac, NY
Chris Stark, Orleans, ON

SENIOR DX CENTURIAN

Gordon Blom, Rochester, NY
Robert Fleck, Colleyville, TX
Steve Leite, Fall River, MA
Terry Palmersheim, Minneapolis, MN
Morley Kirkland, Ft. Erie, ON
Harold Cones, Newport News, VA
Delbert Fye, Miami, FL

DX CENTURIAN

Sheryl Paszkiewicz, Manotowoc, WI
John R. Tow, Pinson, AL
Gabriel Barrera, Buenos Aires, ARG
Mark Schlesinger, Tucson, AZ
John C. Dillaman, Centerville, OH
Harry L. Smith, Springfield, OH
J. Gary Pate, Baltimore, MD
Micael Schmitz, M'Gladbach, FRG
Walter F. Kunz, Dunmore, PA
John Gunter, Durham, NC
Steve Kennedy, Waverly, TN

WORLD WIDE DXER

E. E. Dye, Russellville, AR
Jim Lonsdale, Phoenix, AZ
Eric W. Witzig, Annandale, VA
Ferdinand DeCassan, Leopold, AUS
Pat Wood, Syracuse, NY
Mark Schlesinger, Tucson, AZ
Kurt Enkenhaus, Silver Spring, MD
Keiichi Kondo, Asahikawa, JPN
Paul Coombs, LaScie, NFDL
Peter Dillon, Washington, DC
Dick Dickson, Goshen, OH
Joe Kremer, Columbia, SC
Tom Witherington, Shalimar, FL
Michael Schmitz, M'Gladbach, FRG
Jerry L. Green, Maryville, TN
Ronald E. Downing, Arvada, CO
Danny Dankert, Tustin, CA

EUROPEAN CONTINENT DXPERT

Steve Leite, Fall River, MA
David Jones, Virginia Beach, VA
Harold Cones, Virginia Beach, VA
Tom Gavaras, Minnetonka, MN
Delbert Fye, Miami, FL
Steven R. Lare, Holland, MI
Chris Stark, Orleans, ON

EUROPEAN CONTINENTAL DXER

Donald F. Jones, Berea, OH
John R. Tow, Pinson, AL
David Jones, Virginia Beach, VA
Gilles Michaud, Laval, PQ
Ferdinand DeCassan, Leopold, AUS
Gabriel Barrera, Buenos Aires, ARG
Mark Schlesinger, Tucson, AZ
Kurt Enkenhaus, Silver Spring, MD
R. Bruce Hale, Goffstown, NH
Harry L. Smith, Springfield, OH
Dick Dickson, Goshen, OH
Michael Schmitz, M'Gladbach, FRG
Jerry L. Green, Maryville, TN
Patrick Wood, Syracuse, NY
James T. Pogue, GUAM
Abe Lewkowitz, S. Weymouth, MA
Ronald E. Downing, Arvada, CO
Peter Dillon, Columbia, MD

AFRICAN CONTINENTAL DXPERT

Tom Gavaras, Minnetonka, MN
Mike Koukol, Loves Park, IL
Chris Stark, Orleans, ON

ASIAN CONTINENTAL DXPERT

Richard Davis, Greeley, CO
Tom Gavaras, Minnetonka, MN
John Sgrulletta, Mahopac, NY
Chris Stark, Orleans, ON

ASIAN CONTINENTAL DXER

Gabriel Barrera, Buenos Aires, ARG
Harold Cones, Virginia Beach, VA
Mark Schlesinger, Tucson, AZ
Ken Cobb, Portland, ME
Michael Schmitz, M'Gladbach, FRG
Terry Palmersheim, Minneapolis, MN
Donald M. Hosmer, Dearborn, MI

NORTH AMERICAN DXPERT

Delbert Fye, Miami, FL
Steven R. Lare, Holland, MI
John R. Tow, Pinson, AL
Gayle Van Horn, Grand Prairie, TX
Mark Schlesinger, Tucson, AZ
Kenn Cobb, Portland, ME
John Bryant, Stillwater, OK
Scott Warner, Bluffton, SC
Robert Fleck, Colleyville, TX
David Jones, Virginia Beach, VA
Nobuaki Takahashi, Tanashi City, JPN
J. Gary Pate, Baltimore, MD
Chris Stark, Orleans, ON

NORTH AMERICAN DXPERT

Tom Gavaras, Minnetonka, MN
 Robert Cate, Concord, NH
 Steve Leite, Fall River, MA
 Chris Gibbs, Surrey, ENG
 Terry Palmersheim, Minneapolis, MN
 Harold Cones, Newport News, VA
 John R. Tow, Pinson, AL
 Chris Stark, Orleans, ON

SOUTH AMERICAN CONTINENTAL DXER

Harold Cones, Newport News, VA
 Gayle Van Horn, Grand Prarie, TX
 Mark Schlesinger, Tucson, AZ
 David Jones, Virginia Beach, VA
 John H. Bryant, Stillwater, OK
 Brett Saylor, Whitehall, PA
 J. Gary Pate, Baltimore, MD
 Sheryl Paszkiewicz, Manitowoc, MN
 Ray Forsgren, Chippewa Falls, WI

SOUTH AMERICAN CONTINENTAL DXPERT

Gabriel Barrera, Buenos Aires, ARG
 Tom Gavaras, Minnetonka, MN
 Gordon Blom, Rochester, NY
 Mark Schlesinger, Tucson, AZ
 Robert Fleck, Colleyville, TX
 Harold Cones, Newport News, VA
 Chris Stark, Orleans, ON

DXER DE PACIFICA

Harold Cones, Newport News, VA
 Tom Gavaras, Minnetonka, MN
 John R. Tow, Pinson, AL
 Gordon Blom, Rochester, NH
 Mark Schlesinger, Tucson, AZ
 C. Vernon Hyson, Matthews, NC
 Joe Talbot, Red Deer, AB
 Roland Schulze, Stuttgart, FRG
 Robert Fleck, Colleyville, TX
 Brett Saylor, Whitehall, PA
 David Jones, Virginia Beach, VA
 Ray Forsgren, Chippewa Falls, WI
 Sheryl Paszkiewicz, Manitowoc, MN
 Gayle Van Horn, Orange Park, FL

MASTER PACIFICA DXER

Nobuaki Takahashi, Tanashi City, JPN
 Gerry Bishop, CLARK AFB, PI
 Gerry Dexter, Lake Geneva, WI
 Richard E. Davis, Greeley, CO
 Chris Stark, Orleans, ON

ALL CONTINENT "QRP" DXER

2KW Paul Buer, Miami, FL
 5KW Tom Gavaras, Minnetonka, MN
 10KW Ed Inslinger, Summitt, NJ
 25KW Steven R. Lare, Holland, MI
 25KW Mark Schlesinger, Tucson, AZ
 50KW Frank Povsic, Lauderdale Lakes, FL
 25KW John H. Bryant, Stillwater, OK
 10KW C. Vernon Hyson, Matthews, NC
 50KW Micheal Shmitz, M'Gladback, FRG
 50 KW John R. Tow, Pinson, AL
 25 KW Mhichael Schmitz, M'Gladback, FRG
 50KW Robert I. Cate, Concord, NH
 25KW J. Gary Pate, Baltimore, MD
 25KW Louis Sica, Jr., Flanders, NJ
 50KW Sheryl Paszkiewicz, Manitowoc, WI
 10KW Michael Schmitz, M'Gladback, FRG
 5KW Harold Cones, Newport News, VA
 5KW John R. Tow, Pinson, AL

ALL VOICE OF AMERICA DXER

Tom Gavaras, Minnetonka, MN
 David Jones, Virginia Beach, VA
 Chris Gibbs, Surrey, ENG
 Ron Downing, Arvada, CO

MAPLE LEAF DXER

Harold Cones, Newport News, VA
 Tom Gavaras, Minnetonka, MN
 John R. Tow, Pinson, AL
 Richard E. Davis, Greeley, CO
 Scott Blixt, Lakenfield, MN

SOVET SPHERE DXER

Harold Cones, Newport News, VA
 David Jones, Virginia Beach, VA
 Lynn Burke, Newport News, VA
 Terry Palmersheim, Minneapolis, MN

MASTER SOVIET SPHERE DXER

Paul Buer, Miami, FL
 Tom Gavaras, Minnetonka, MN
 Harold Cones, Newport News, VA

ECCLESIASTIC DXER

Jim Lonsdale, Phoenix, AZ
 John R. Tow, Pinson, AL
 Gaylve Van Horn, Grand Prarie, TX
 Mark Schlesinger, Tucson, AZ
 David Jones, Virginia Beach, VA
 Harry L. Smith, Springfield, OH
 Michael Schmitz, M'Gladbak, FRG
 James T. Pagues, GUAM
 Donald F. Jones, Berea, OH
 Ron Downing, Arvada, CO
 Ray Forsgren, Chippewa Falls, WI
 Robert I. Cate, Concord, NH
 Steve Kennedy, Waverly, IN

SENIOR ECCLESIASTIC DXER

Harold Cones, Newport News, VA
 Mark Schlesinger, Tucson, AZ
 David Jones, Virginia Beach, VA
 Joh Sgruletta, Mahonac, NY
 Terry Palmersheim, Mineapolis, MN
 Richard E. Davis, Greeley, CO

SENIOR INDONESIAN DXER

Richard E. Davis, Greeley, CO

SENIOR NIGERIAN DXER

Al Sizer, North Haven, CT
 Michael Schmitz, M'Gladback, FRG
 Frank F. Orcutt, Buffalo, NY

MASTER NIGERIAN DXER-

Michael Schmitz, M'Gladback, FRG

SENIOR VENEZUELAN DXER

Marlin A. Field, Hillsdale, MI

SENIOR BRITISH COMMONWEALTH DXER

Mark Schlesinger, Tucson, AZ
 Steven R. Lare, Holland, MI
 Harold Cones, Newport News, VA
 Delbert M. Fye, Miami, FL
 John R. Tow, Pinson, AL

MASTER BRITISH COMMONWEALTH DXER

John Bryant, Stillwater, OK
 Chris Gibbs, Surrey, ENG

PAPUA NEW GUINEA DXER

Roland Schulze, Stuttgart, FRG

MASTER PAPUA NEW GUINEA DXER

John Bryant, Stillwater, OK

TROPICAL BAND DXER

John Sgruletta, Mahopac, NY
 Paul Buer, Miami, FL

ARAB WORLD DXER

Gabriel Barrera, Buenos Aires, ARG
 Harold Cones, Newport News, VA
 Delbert Fye, Miami, FL
 Ken Cobb, Portland, ME
 Sheryl Paszkiewicz, Manitowoc, WI
 David Jones, Virginia Beach, VA

ARAB WORLD DXER (CONTINUED)

Steven R. Lare, Holland, MI
 John R. Tow, Pinson, AL
 Donald M. Hosmer, Dearborn, MI

ARAB WORLD DXPERT

Richard E. Davis, Greeley, CO
 Paul Buer, Miami, FL
 Gerry Bishop, Clark AFB, PI
 Harold Cones, Newport News, VA
 Delbert Fye, Miami, FL
 Chris Gibbs, Surrey, ENG

SENIOR CHINA DXER

Steve Leite, Fall River, MA
 Paul Buer, Miami, FL
 Delbert Fye, Miami, FL
 Keiichi Kondo, Hokkaido, JPN
 Nobuaki Takahashi, Tanashi City, JPN
 Richard E. Davis, Greeley, CO
 John Sgruletta, Hamopac, NY

MASTER CHINA DXER


Nobuaki Takahashi, Tanashi City, JPN
 Chris Gibbs, Surrey, ENG
 Gerry Dexter, Lake Geneva, WI
 Richard E. Davis, Greeley, CO
 Terry Palmersheim, Minneapolis, MN
 John Sgruletta, Mamopac, NY

ALL GERMANY DXER

Ferdinand De Sassan, Leopold., AUS
 Paul Buer, Miami, FL
 Gerry Bishop, Clark AFB, PI
 Chris Gibbs, Surrey, ENG
 Gerry Dexter, Lake Geneva, WI
 Michael Schmitz, M'Gladback, FRG
 David Jones, Virginia Beach, VA
 John Sgruletta, Mahopac, NY
 Harold Cones, Newport News, VA

And there it is, the NASWA AWARDS PROGRAM HONOR ROLL for the period July 1, 1984 to June 30, 1985. I've held the position of NASWA Awards Chairman for nearly a year now, hopefully my work is acceptable to the membership.

We all have our good days, and also bad ones. Most of the time, Awards are issued within a few days of receipt of applications. Sometime, though, personal and professional matters QRM and it takes a bit longer

Best for now, 



AUGUST 1985

Listeners Notebook

GLENN HAUSER, BOX 490756, Fort Lauderdale FL 33349

PROPER CREDIT

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ALBANIA For the first time, Albania has registered some fqs w/ITU for J85; per info submitted, 50 and 100 kW xmtrs operate into ants w/gains of 9, 11 or 17 dB. There is also a 15 kW omnidirectional svc. Xmttr location given as 'Kruja'--small town N of Tirana, capital of administrative district of same name (Kruj# in Albanian). Many of these regs are probly false w/OOB channels used instead. Per cable rxd here from R Tirana, stn'll use same fqs as S84 thru J85, S85, D85 (sic) [sic] (WRTH NL via WDXC)

ANGOLA RNA on 4952v 24h ex-5373v; also low-power xmttr on 5440 24h incl B-pgm 0530-23; Lubango [as I copied it; must be something else] is back on 4820, //3994 to 2300* --don't assume this 4820 is Luanda (Richard Ginbey, RSA, RRMN 11/7)

ARGENTINA R Rivadavia has now drifted to 4589v, always USB & only w/sports the sometimes regular pgms continue a few mins after (Daniel Camporini, Argentina, The Americas DX of Buenos Aires Listeners' Group, June) Also on 15781 (Nstor Reza, Argentina, ibid.) R El Mundo, 1070 kHz, also hrd on 6623 SSB (Reza, ibid.)

AUSTRALIA R Australia hrd on seemingly new outlet in EG apx 01-03 for some weeks, puzzling! Appears external mixing product at Shepparton resulting from 11910 and 23820. Fq 23820 is 2nd harmonic of 17725, and 'spur' appears to be difference product. In Melbourne, appears to be of considerable power; giveaway is that RA's tuning sig hrd superimposed on EG pgm in 01-0130 period when 11910 comes on, whilst 17725 is already carrying EG, but the 2nd harmonic itself, 23820, is not audible here. When at Tarra Valley recently, the thing showed up rather strongly. Anybody else hear it? (Bob Padula, July ADXN) I'm afraid this item is a bit of a mess--the frequency in question is missing! 23820 is certainly not the 2nd harmonic of 17725, but of 11910. Apparently the difference product meant is 23820 minus 17725, i.e. 6095, which falls in-band and could be taken for a deliberate emission; (2A - B) is a common mixing relationship; I assume 23820 would not have been brought into the matter if the other possibility, (B - A) were the case, i.e. 17725 - 11910 = 5815 (gh)

SDR-Darwin, via VJY, 6840 USB, 27/6 0859-0915: traffic pause, ABC theme mx, nx, 0910 into NT nx, back to ute tfc, G; Darwin sunset abt 0900 (Terry Krueger, DXSF) Good to remind ourselves of this one; may go off once the regular NT dom svc begins of July LN (gh)

BANGLADESH Dhaka HS hrd on new 7195 0230-1130 (Sarath Weerakoon, Sri Lanka, July WDXC Contact) EG from R Bangladesh now 08-0830 17670 15585; 1230-13 15570 17665, 1815-1915 11555 9885 [sic] (Allen Dean, UKOGBANI, July WDXC Contact) I suspect 9885 is a typo for 9855 (gh) Confirmed 9/6 & 23/6 around 1900 on 9855 & 11555 in EG, poor; some days 11555 is missing or cutting in and out for a few secs only (Ed LaCrosse, CA)

BELGIUM BRTF [sic--just BRT, no!] on new 15575 & 15515 06-0755 M-F, 06-0905 Sat, 06-1155 Sun; also M-Sat 11-1155 // 5895 so 3 xmtrs in use then (Noel Green, RCI 6/7)

BOLIVIA R Santa Cruz on 6029 17/4 0348-0358*, talks, instl mx. s/off anmts; ex-6137? (Vashek Korinek, RSA, DSWCI SWN) R La Plata, Sucre, 9716 at 1305-1315 w/song, SP talk & live report abt Ayaviri, ID, song, fair (Ravin G Sewdien, Suriname, DXSF 4/7) Tnx to this tip, hrd on 9715.8, 29/6 from 1610 t/in--weak, 1632 peak w/ID jingle, fqs, slogans, current affairs discussion but fading to 1645 f/out (David Potter @ Robert Wilkner's, Lauderdale Lakes FL, DXSF) LAM season peaking now--R Cristal, 5005.5, ID at 1130; R Paicití, 4682 arnd 1100 w/Bol mx, TCs (Geoff Cosier, Vic, RATB 7/7) **+IMI**

BRAZIL R Bandeirantes, Cachoeira Paulista, 3285 hrd at 2325-2430; unlisted in WRTH 85 but is in TBS (Bob Hill, MA, SCDX bc 1677) R Clube Ribeirão Preto hrd arnd 2010 on 15415; sked 24h (Daniel Camporini, BA Listeners' Group, June) On this fq? or 10-03?

BURKINA FASO Still note 4815 regularly, best after Gabon s/off 2300. Must be power increase; (Richard A D'Angelo, PA, 25/6) RTVB, 4815, 24/6 2338-2401k* booming in at tremendous level, possibly testing new more powerful xmtr--wonder if gift from Col Qadhafi [sic] of Libya, since Capt Thomas Sankara's revly govt is supported by the powers in Tripoli. FR pop mx, 2359 ID "Ici Ouagadougou, Radiodiffusion Nationale Burkina," NA by band (Bob Wilkner & Steve Reinstein, DXSF) When are they going to get around to changing the name of the capital too? Progressively de-exoticising self (gh) Seems new 50 kW xmtr on 4815, now regular arnd 22 in FR, & LP 06 (Geoff Cosier, Vic, RA Talkback 7/7) **+IMI**

CAMEROON EG mx is at 0530, 14, 18 and 21 on all provincial stns; Bertoua 4750 has EG 17-1830 (ChiJioke Anyanun, Nigeria, SCDX 9/7)

CANADA see SAIPAN

CHINA unID site, 8999.5, 16/6 2323-2415 CH songs, anmts, no ID, P, tnx tip from Max van Arnhem, Holland (B Gründl, W Germany, DXSF) noted 2320-2400*, not harmonic of 4500 (Finn Krone, AWR DX via July WDXC Contact) Both listed under China-the-country tho the only evidence seems to be Chinese-the-language (gh)

COLOMBIA R Nacional on 17870, not 17865, at 2140 (Kato, PA, SCDX bc 9/7) & therefore also not on 17710v & infinite other fqs (gh)

COSTA RICA IMI

CUBA REC *0000 14/6 on 15840 after usual chimes, NA; EG mx, G (Chuck Oliver, TX) Tho REC is certainly capable of such emissions, do you confirm odd stuff like this on more than one rx w/different IFs, etc? (gh) **+IMI** /more CHILE, see UNITED NATIONS

CHILE R Santa María, 6029.4, hrd in Sweden, F-P, 00-01 (SWB via July WDXC Contact) It's a new stn in Coyhaique, best hrd morns arnd 1100 tho QRMed [like AFRTS], on 6030 --other stn there is R Patagonia Chilena on 6080, but R Manantial, 6225 is inactive (Emilio Pedro Povrzenic, Argentina, RN Radio-Enlace 29/6) Not so new; in WRTH 85 (gh)

DENMARK Surprised to hear R Denmark's IS on 6140 at 2257 1/7; marginally readable due to considerable mod splatter from DW in SP on 6145 (Chris Bagge, MA) Erik Kåie wrote me 22/6 that 6140 replaced 9715 10/6; says stn has "tech mailbox" pgm on 2nd Sat, such as 10/8 on its all-Danish svc; contains comments, answers to listeners' letters, details of fq changes, propagation, etc. Says they have very good use of phone msg svc --automatic recording, at (011)45-1-358181. Must be new, as WRTH 85 has different number, DN-speakers have their costs covered, but while non-Danes can also use it, they will not be paid. 85 WRTHVH says you may also make collect calls thru it. RD has adjusted beams on some fqs: 09-0952 11835 200° ex-70°; 14-1452 11900 90° ex-120° (Joe Hanlon, Philadelphia PA) **more**, IMI

DODECANESE ISLANDS VOA SW relay now sked from Rhodes: 01-0115 Armenian & 0115-0130 Georgian 6105; 0230-03 TK 6080 & 7105, 0330-04 TK 6180 9530; 04-06 AR & 06-08 EG on 5965 9715; 13-14 AR 9695 15260; 1530-16 TK 9545 11740; 1630-17 TK & 17-21 AR 7205 & 15305 (Robert Chester, RA JP DX Time 30/6) DODECANESE = "Twelvish" (gh)

ECUADOR HCJB putting out spurs ± 35 kHz from fund 15160 25/6 arnd 1600; from 15055 thru 15265 every 35 kHz; quite a coincidence that unID mystery religious stns were reported as Taiwan in July IN on two of the same fqs, 15055 & 15090 (John Wilkins, CO) Yes, but it must be just that as I don't think there's any doubt of either ID (gh) HCJB is using 3357 for Eu langs, GM 2235 & EG 2300+ (Daniel Camporini, Buenos Aires Listeners' Group, June) Suspect spur, tho GM also useful in SAM; but since when have they had any EG at 23? (gh) Or rx image (gh) Stn hrd irregularly on 6761.9 since Apr is R Iris, 21/6 0104-0115 // 3380.9 so is 2nd harmonic (Terry Krueger, DXSF) 21/6-22/6 2355-2400+ drifted up to 6762.1, weak lvl but def // 3381.05 which was booming (Steve Reinstein, ibid.) 7/7 good nite for Eca--R Iris on 3380 0310-0332, SIO 353 w/TC, ID & Latin vocals; R Zaracay, 3395, 0332-0350*, SIO 343 w/fast-paced instls & vocals, ID; and LV del Río Carrizal, 3260, 0320-0403, SIO 252 w/lots of static; LAM mx t11 0330, then apparent mx, features to 0349 talk o/bg mx; 0356 nice ID when static subsided (Richard A D'Angelo, Wyoming PA) **more**, IMI & next p] **ETHIOPIA** v U NATIONS

"Why some stns no longer QSL" [cf July LN] is well-taken. In my more affluent days (i.e., single, which I just became again), I did send thank-you postcards to stns which QSLd. Then came marriage and just sending rpts was expensive, so thank-you cards ceased. A point which DXers/QSLers might think about is a surface paid thank-you postcard--chances are it will go air anyway; or a surface Xmas card. The latter I used to do as well (Mike Hardester, Modesto CA, 9/7) /Bata, not Batá (gh)

EQUATORIAL GUINEA [cf HONG KONG] "Harvestime, the R Voice of the United Pentecostal Church International," can be hrd at 9:30 pm (which I take to be 2030 UTC; Bata is UTC + 1) on Tuesdays on "7150, 9550, 11715 and 15110" kHz. Has Bata commissioned their projected xmtrs (as in 1985 WRTH listing) or simply a stn promo, as I suspect? The 15110 (15106v) outlet is frequently hrd here. This info sent in reply to my inquiry about their HK outlet (Mike Hardester, Modesto CA, 13/7) Those serving the gullible are gullible themselves (gh) 15106.2 hrd 12/6 2040-2105 & 2151-2200*, no ID but plenty of relig pgming at 2040+ w/"Bible Crusade", followed by others to 2105 t/ out [no Harvestime??]; 2151 recheck, found SP F-P w/fading and QRM from 15105 DW in FT, tentatively Antigua, to 2200 carrier-off; no closing amt hrd; G level at t/in but poor at s/off (Mike Hardester, CA, QMDC DX Log) FALKLAND IMI FRANCE see IRELAND

GABON ANO has EG mx 'during the week' at 1500 on 7200 & 15200 (SCDK bc 9/7) Caught it at 1503 for less than a min of EG mx heads on 15200 12/7 (gh) more, IMI

GERMANY EAST RBI 7/5 2205 on 4747, 2215 IS & ID of NAM avc (Roland Schulze, Germany West, DSWCI SWN) Anything to do w/Soviet stn which pops up here now & then? (Bernhard Gründl, DSWCI ed)

GERMANY WEST DW 1/7 to 0150* on 4882.5, xmtr problem from 9765.2 (Nils Jakobsson, SWB, Sweden) You mean 4882.6? I hadn't noted the fq relation, but this has long been thought to be a feeder to Malta, not a subharmonic leak (gh) Besides, 9765 isn't used for EG and this was in EG, wasn't it? (gh)

/more GREECE, IMI
GREECE Thessaloniki regional hrd 29/6 2059-2115 on 11615, F; flute & sheep bells IS played once, into EPT mws and ending w/Thess ID as in WRTH (Chris Bagge, Spfld MA)

GUAM KTRW hrd on 11735 at 0844 29/6 ancg this as new svc in EG to Au/NZ; and that from 8/7 AA [sic--Arabic, I guess] 'd be hrd at this time & fq [to ANZ?]; requests reports and gives a Melbourne & Guam addr; appears to be new ant in opn; Chinese pgm *0900 as usual as did EG on 11840 (Mick Ogrizek, ADXN) more, IMI

GUYANA FRENCH RFI on new 5950 at 00-02+ // relay on 6055 (Jim Conrad, IA, 27/6) But what about nearby GUYANA whose only SW fq this is? Unkind move (gh) more, IMI

HONG KONG [non] By chance I came across a 'Harvestime' pgm via WRNO in June (sked Sun 1130-1230 on 6185 [switch at 1200 to 9715, no?]) which mentd that money was needed for their SW relay in Hong Kong; wrote them a letter about such and following is part of what was rcvd: "We regret to inform you that we were on the SW stn in HK only for June." Follow-up ltr sent same day requesting stn's name. I have my suspicions; the bc mentd that the HK stn was hrd 16/6. Reply to that totally skirted my question and gave info on Equatorial Guinea bc [qv] (Mike Hardester, Modesto CA) Since we know that there are no SW stns in HK, but that there are studios there producing pgms for various Asian gospel stns in other countries, & even giving HK addresses, this is surely the explanation. Gospel pgms will shell out \$\$\$ w/out knowing anything about the medium they are getting into (gh)

ICELAND On 15/6 and some other good reception days 13797 readable in Icelandic - but not until 1300 (Ed LaCrosse, Redding CA, 27/6)

INDIA Per my Indian colleague, "Akashvani" [the name of AIR HS] means "Voice from the sky" (Bernhard Gründl, GFR, DXSF 18/7)

INDONESIA V/1 rxd from RRI Surabaya for 1981 reception, in which v/s Agus Widjaja asks for comms journals and lit on comms theory ("Pilsafat Komunikasi"). Specifically mentd Waldo Abbott's Journalistic Radio. Can any NASWAN help this long-time friend of SWL? (John Wilkins, Wheat Ridge CO) 3986 is strictly the property of RRI Manokwari, // 6189v. Can't track down RRI Dili anywhere on 120, 90, 75 or 60m. Maybe moved way OOB or not on SW, or? (Gerry Bishop, Clark AB, Philippines)

RRI Tanjungkarang current sked: 3995 15-22; 3395 2150-0215 & 0820-17 daily, 2150-04 & 0820-17 holidays, 22-04 & 0820-22 Suns. Ant on 3995 is longwire; 3395 multi-trap open dipole. Addr is Kotak Pos 24, or Jl. Gatot Subroto No. 1. Local pgming from RRI Stasiun Regional 1 Tanjungkarang is: Berita Daerah 2330 UTC & 0030(exc Sun), 0900(exc Sun), 1130, Berita Kota (city news) 0530(exc Fri & Sun), 0630, Ads ("Siaran Iklan") are carried 2315-0200, 0430-07, 1015-16. Powers are 2.5 kW on 3995, 10 kW on 3395 (Matthew Francis, July ADXN) RRI Tanjung Karang on 3395 +1200-1700* but not hrd

on listed 3955 [sic] during recent monitoring. RRI Ujung Pandang now hrd on 4753 in evenings as well +1030-1515v ex-4719. RRI Banda Aceh mostly on 4955 ex-3905. RRI Tanjung Pings 4920 arnd 1030 & into relig pgm 1100 24/6; RRI Jambi 4927 +1045 w/clear ID 1100 (Sarath Weerakoon, Sri Lanka, WDXC Contact) [Cf Apr LN] Geoff Cosier's criticism of the WRTHV Indo section has led to a further interchange in WDXC Contact, excerpts of which follow (gh) Mr Cosier may be interested to know that our source was the Dir of Fq Management at the Dir Gen of P&T and this was after we had queried the info he originally sent us. In last Sept's NL we had requested clarification of actual situation, but not a single response rxd, not even from Mr Cosier, a former collaborator whom we have not hrd from in ages, w/his superior knowledge (Andy Sennitt, WRTH ed., May WDXC Contact) I found this near personal attack rather odd & w/out sound reasoning. I've never been WRTH collaborator, just sent them copies of Down Under DX Survey. I can sympathise w/WRTH being led astray by an Indo bureaucrat, totally uninformed and out of touch w/reality. I do feel WRTH were caught w/their pants down. If they read DX magazines they'd see logs of SW RPD stns. Mr E H Pranao gives good reports on them often in ADKN. The RKIP stn on 4698 is reported regularly in US bulletins. I don't see the NLS. It's the efforts of David Foster and Robert Yeo which has kept the WRTH up to date over the years on Indonesia; I'm not an authority on the subject and my remarks weren't meant to insult anyone at WRTH. By the way, how come all those Venezuelans, inactive for years, still listed in WRTH 85? (Geoff Cosier, Burwood Vic, July WDXC Contact) It's unfortunate, but I understand that WRTH simply doesn't have the manpower to digest and act on every detail in DX publications, not even LN (gh) more under PERU, final paragraph

IRAN VOIRI now on 15315 15084 9022 in SP 0530-0630 & FR 0630-0730; also in AR 1800 on 7085 // 15084 (Noel R Green, UKROGHANI, RCI SWLD 6/7) IRAQ see UNITED NATIONS

IRELAND World Music Radio, a non-profit foundation in the Netherlands, formerly bc via R Andorra Intl; now hrd 24h on 91 MHz FM\$ and at night also on 98 MHz FM\$, in Pavia, Northern Italy, via R Lana Pavia. WMR pgms also incl in automated random pgming of the Italian Radio Relay Svc in Milan on 87.5 MHz FM\$stereo. WMR pgms also via R Dublin Intl, locally on AM & \$FM, and SW 6910 worldwide on variable sked: Suns 0445-0900, repeated Mons 0100-0515. Listen to WMR in France & Monaco via private local stns ("Radios Libres") selected by Agence France Radio (AFR), incl R Riviera, Monaco, 94.2 MHz FM\$, and R Dauphiné Vivarais, Rhône Valley, 94.2 MHz FM\$. Also Radio Télé Alsace, Strasbourg. For details: AFR, Domaine de Gaste, F-26380 Peyrins, France. Soon: SW via WMR's own xmtrs on 9845 [Italy??] More details soon. Correct reception reports from SW DXers including details of pgms hrd, accompanied by two IRCs will be verified by our QSL card. Listeners in Italy, Neth, UK may send stamps. WMR T-shirts (indicate size M/L/XL) are US\$9 ea by surface mail, US\$11 by air to NAM, US\$12 elsewhere. For 1 IRC the next WMR info sheet will be sent. Addr: P O Box 4078, 1009 AB Amsterdam, Netherlands (via Eric Falkenhan, Baltimore MD not NJ) 6910, where I normally hear R Dublin very faintly, is now occupied by a jamming buzzsaw, 13/7, 14/7, 15/7 arnd 0400*. Do you suppose the Irish govt is really going that far, or is there some other reason? (William L Lyons, Alexandria VA) R Nagael, Swords, hrd w/mx 22/6 0030 on 6340 (H Gustavsson, Sweden, SWB)

ISRAEL IBA EG at 1908 measured on 11658.0, not 11655, // another variant, 12027.6; listed // 15585 & 9440, rather 9435, not audible 29/6. I wonder if to avoid Pyongyang on new 11655. While such flexibility w/OOB channels is fine, I do wish IBA'd get its act together and announce the exact fqs obviously in use (gh) Shift to 11658 for EG/FR to Eu/NAM at 1900 & 2100, and RS at 2000 but not for Ams after 2200 (Joe Hanlon, Philadelphia PA, 23/6) V of Peace can't continue due to inflated costs, and wants to come ashore (RNMN 18/7) off the air 10/7, probably temporarily (SCDX bc 23/7)

ITALY R Calabria Intl, via Paolo Sarpi 23, 89042 Gioiosa Jonica, operates experimentally for now on 13630 w/200 watts Sat/Sun only at 1230-1330; says it's already hrd in Switzerland, Spain, E & W Germany; future plans: xmtr on Monte Camaldi, 1270m hi, w/1 kW on 7615 from mid-Aug, and 200 W on 13630 at 09-1030, 1230-1330, 22-23. They specifically request reports on cassettes which will be returned at their expense; no IRCs or mint stamp rp is requested! (V Negri, Tech Dir, via Play-DX 1/7)

AWR Forlì EG now 06-07 7240, 2130-2230 6205 (Allen Dean & Edwin Southwell, July WDXC Contact) Polish 10-1030 Sat/Sun on 9805, RS 0330-04 on 7180, GM 0730-0830 on 7140 (Finn Krone, AWR DX via WDXC Contact July) Also FR 07-0730 on 7130 (Noel Green, RCI 6/7)

R Earth Eu svc did begin Sun 7/7 on R Milano Intl, 7295, but they were confused abt the time local vs UTC and put it on 2 hours early, 06-08 instead of 08-10 when fq is clear; subsequent Sundays should be 08-10, and may also test Sat morns; pgming has

been planned out several weeks in advance, and the 1/9 edition when svc officially begins after expl period, w/higher power, should include ANARCON report (Jeff White) RMI hrd in Australia on 7295.3 arnd 05 w/continuous mx, taped ID as "101 FM Stereo" until 0555 when DW s/on blox (Geoff Cosier, R Australia Talkback 7/7)

RAI is using 9775 instead of ancd 9710 to FE/AU/NZ at 0350-0410 EG; pgm similar to 0100-0120 bc to NAM w/mx. 9775 also used for IT to Af 0435-0510 but another xmtr is also settling on 9775 w/Lith 0445-0505; could also be case w/other EEU langs 0330-0555 (Joe Hanlon, PA, 23/6) see also IRELAND /see also GULANA FRENCH=IMI

JAPAN May SPEEDX, pp 51 & 56, lists fqs/times/xmtr site of a number of NHK domestic SW stns of the type mentd in LN. NHK is verifying rpts using R Japan QSLs, usually partial-data cards. If anywhere, this is a good place to start saying 'thank you' for QSL. Not that long ago, these stns/fqs were not being confirmed, or even replied to (Mike Hardester, Modesto CA) NHK Fukuoka 1st pgm, 9535 LSB, 25/5 0610 naturally here w/W taking phone calls, P-G, as I reported it inactive in May SPEEDX; ditto for NHK Tokyo 1st pgm, 9550 LSB, 27/5 0232 w/apparent grammer lesson in school svc (Ralph Famularo, Osaka, July SPEEDX) 31/5 arnd 1000, R Japan on 7490 SSB, feeder, or what? Please call w/answer to 916-447-8054 at 17-24 UTC, no collect, or write 4632 Sunset Dr, Sacto CA 95822 (Michael V Allen, July SPEEDX) You mean extl svc? Lang? (gh)

KASHMIR AZAD After nearly 3 years, Azad Kashmir R direct from capital Muzaffarabad has resumed SW on 3365v [sic]; xmns from lo-powered xmtr in Kashmiri hrd in Sri Lanka fading in arnd 1600 to 1805. Judging from sig quality, seems once ailing xmtr given new lease on life. 3365 [sic] xmsn // 792 & 1512v & ID as "Azad Kashmir Radio, Muzaffarabad". Pgm are diff from AKR Trarakhel [sic], produced in studios of R Pak Islamabad & relayed via 10 kW Rawalpindi xmtr; latest monitored sked is 4980 0045-0430, 7265 +0630-0930, 5980 1145-14 & 4790 1405-18 (Sarith Weerakoon, Sri Lanka, July WDXC Contact) Tho printed twice as 3365, all other sources indicate fq is 3665: (gh) AKR reactivated 3665v, f/in 15 to 18* (Weerakoon, SGDX bc 2/7) Muz. pgm, direct from Trarakhel [sic], 11-18 on 3665v; may also be active in 0045+ period (UADX via ADXN)

KENYA Amended fq reg w/ITU IFWB for projected 250 kW xmtrs at Koma Rock in June, July, Aug, targets Kenya & neighbours: 03-06 & 16-19 7220 7135; 06-16 9275 9635 (WBI 27/6) S85 listed w/2xmtrs simultaneously: 1230-1530 6050 7225, 1530-1930 9635 11745, 1930-2130 6050 7225 ITU THFBS via Bob Padula, Aug ADXN)

KOREA NORTH R Pyongyang has made many changes in ES; of particular note is new 12000 at 04-0750, 16-2250. EG now sked; for 110 min ea: 06 12000 11655 9360, 08 15340 15245 11830 9765, 11 9977 9750, 13 15340 11880 15 & 17 11880 9977 9625, 20 11655 9320 6576, 23 9715 9555 (NDXC via July ADXN) The 11 & 23 for Ams (gh) More, IMI

KOREA SOUTH R Korea full sked dated 1/7 shows considerable cutback in 15-min World Nx Svc formerly scattered thruout sked, perhaps due to addition of Italian and other shifts; this also contradicts some info in July LN copied off the air, e.g. 2300 not 2200 on 15575. Full EG sked: 16-17 5975 ND 9870 ME/Eu. 1715-1730 5975 ND, 15575 Eu. 18-19 5975 ND, 15575 Eu. 1940-20 1170 6135, 2015-2030 7275 ND. 22-23 6480 ME/Af, 7550 ME, 23-24 15575 Eu. 2345-24 7275 ND. 00-01 104.5 MHz FM. 0045-01 7275 ND. 0145-02 6480 ME/Af, 7275 ND. 02-03 7275 ND, 11810 WNAm/SAm, 15575 ENAm/SAm, 0315-0330 7275 ND. 04-05 9570 ENAm, 11820 Eu/ME, 15575 Eu. 0915-0930 7275 ND. 11-12 on 7275 ND, 15575 ME. 1330-14 1170 6135 ND. 1345-14 7275 ND. 14-15 9570 SEAs, 9750 ENAm, 15575 Nam. By the way, R Korea joins the list of weird servers, i.e. bcng to a certain area in a seemingly irrelevant or minority lang: Italian to NAM at 1330-14 on 15575; also has IT to ME/Af/SAm at 1730-18 on 11810. Japanese at 00-02 on 9640 is not only for Japan but also for SAM; there might be other examples if gh went thru the sked w/finetooth comb (via Bob Padula, Victoria)

KUWAIT R Kuwait spl AR svc for Eu now hrd 0815-13 on 17870; from 13, RK DS in AR on 15505 (WBI 27/6)

LAOS Vientiane ES now hrd on 7115v; as usual, weak low-modulated sigs make copy vy difficult; prov stn in Udom Sai reactivated, hrd on 4465v +2300-0030+ & +1130-1355* & relays nx from Vientiane 0000 & 1200; perhaps Eu DXers have a chance arnd 2300 as sigs here quite strong (Sarith Weerakoon, Sri Lanka, WDXC Contact July) 4465 is new; formerly arnd 6850 long ago; often hrd on 4465 arnd 1300 but weak, VP. Houa Phan on 4660 hrd to 1330*; Pakse not hrd arnd 6500-6600 (Isao Ugusa, Kobe, Japan, DXFL 23/6)

LIBERIA ELWA final S85 sked, 1/9 to 31/10; and tentative for D85, 3/11 to 28/2 [despite the dates, I really doubt ELWA plans to be off the air 1/11 & 2/11...-gh]: 11940 0625-0732 50 kW 18° horizontal reflector to Naf in AR, 11830 Sat 0755-0847 & Sun 0655-0902 50 kW 81° HR WCAF EG/WAF langs; Sun 1255-2135, M-F 1555-2135, Sat 1658-2135 same but also in FR. 11810 2010-2117 50 kW 18° HR NAF AR. 9550 1210-1317 50 kW 97° & 325° horizontal slewed WAF FR/WAF langs. 6070 Sat 0825-1200 & Sun 0825-1757

& weekdays 1555-1757 10 kW 97° & 325° HS to Liberia in EG; 1810-2002 daily exc Fri/Sun 1810-1947 50 kW 97° & 325° HS WAF FR/WAF langs. 4760 0555-0802 daily except Fri 0555-0817, Sat 0555-0832, Sun 0655-0832; daily 1725-2230 10 kW ND tropical ant to Liberia in EG; 3230 0610-0802 Sun; 1805-2222 daily exc 1805-2202 Tue-Fri 10 kW nd trop to Liberia in WAF langs; G.C. 06-14 N, 10-42 W (ELWA 1/6 via Bob Padula, Victoria)

LIBYA R Jamahuriyah [sic], ID, mx, nx, in EG 16/6 1846 on 15450 (Mike Dawson, Reading, UKGGBANI, WDXC Contact) more, IMI MALI, IMI

MEXICO On 6754.1, XEFAJ, R Consentida (per WRTH), hrd 16/6 from 0040 w/ballads, ranchera mx; fqt M ancr, but only able to copy call during IDs due to weakish sig; seemed to note nx 0104, but utekill 0115; also 0253 retune w/ranch mx, 0303 distinct XEFAJ ID, nx; gone at 0325 recheck. First noted here by Terry Krueger in April. Hard to establish purpose of this one. Irreg sked (David Potter, DX South Florida)

R Huayacocotla, o, hrd on 2390 from just after *1200 til sigs f/out arnd 1240; ranchera mx, pgm pvw 1227, local SP nx 1228 (Seager, Bunn, Padula, Ogrizek, DXpedition in beautiful Tarra Valley, eastern Vic, RA Japanese DX Time 23/6)

XEW has established an office to make a dent in the more than 150 kiloreports of reception from listeners so far unanswered in the past sesquidecade (including mine! --Monferini); addr: Public Relations Office, Srta. Alicia Solano Miranda, Ayuntamiento 52, 06070 México 1, DF (Radio Nuevo Mundo via DX Australia via Play-DX 1/7) LV de la América Latina, 6165 on early? at 0903 4/6 tho listed *1200; mellow IAm ballads by Venez group; ID w/gongs, nx, F (Cereghin, MD, SPEEDX) On late

MONACO TWR in RS 0345 on 6230; but now using 6220 in GM 08 & 1005 (Roger Tidy, Media Monitor, via Noel Green, RCI 6/7) Welcome back; Tidy was seriously injured a few months ago and it was not known whether he could continue w/MM (gh) See IRELAND

MONGOLIA RUB ES summer sked eff, 6/5: EG Mon-Sat 12-1235 FE 12015 9615; 1255-1330 SEAs 15305 9575; 1445-1520 SAs 12015 9575; 1940-2015 Pac 15305 9575. FR M/W/F 1655-18 Af 17790 9575. Chinese daily 1025-1055, 1130-12, 21-2130 As 12015 9615; 1330-14 As 15305 9575. Mongolian daily 0950-1025, 1055-1130, 2025-21 As 12015 9615; 14-1435 As 12015 9575. MG & CH also on 990 kHz (via Joe Talbot, Alberta) RUB HS in MG drifted to 4893 [missed QTH], and Altai on 4837 to 1600* (Mark Warner, RA TB 7/7)

MOZAMBIQUE unID African arnd 4735, maybe a kHz or two lower, first hrd w/fair sig 19/5 0406-0450, finally IDed as R Mozambique; F-G 30/6 0417-0500+ amid fqt KITY QRM; lang PT, ments Maputo, "RM" IDs & 4-note IS 0500; Maputo, or possibly regional? (Chris Bagge, Spfld MA) tent. R Mocambique, 4733.5 apx, 29/6 0430-0500+ in PT; first logged as unID W/US rock tunes 0430-0500 exc one hllife song; 4-note chime 0459, ID, fqs but unintelligible in QRN; 0500-0504 nx, still there at 0600 tho quite weak; isn't this way past Maputo f/out time? (John Wilkins, CO) Maybe not at midwinter (gh) R M on 4733.6 noted w/2200* end of May/start of June in Finland (DX-clusive via Play DX) 4734 in PT to 2210* // 4935; ex-4985? (Mark Warner, RA TB 7/7) Maputo Natl Svc back on --0255-2205 on 6115 7240; morn & eve on 3212 & 4733v; but 9618 11818 15295 are off. Maputo regional svc 0255-2205 on 7110v; morn & eve 3338v & 4924v; Quelimane regional on 4872 to 2200* (Richard Ginbey, RSA, RNMN 11/7) R Moz, Maputo, reactivated 6115, 0255-2205 (Ginbey, ibid., ibid. 27/6)

NEPAL R Nepal on 7105 ex-7165; common svc eves // 5005 3230; commercial svc; nx now at 1445 (Victor Goonetilleke, Sri Lanka, RNMN 27/6) 5-min change in timezone led to sked changes; unsure if this is MB5 or J85 and there are some ambiguities in it, from UADX: Ch. 1: 0015-0515, 0615-1015, 1145-1715 5005 3230. Ch. 2: 0145-0215 7165, 0615-1015 7105, 1145-1715 7165. ES 1045-1145 on 'all fqs', maybe means 5005 3230 7165. But stn engr tells me only 2 xmtrs are on SW at any one time; perhaps that has changed (Bob Padula, July ADXN) When I was QSL secretary, about one letter in ten was addressed to Mr. Mohini Shepherd, despite my name always being given as Miss --; these men who think that only other men will be doing such work! (Miss Mohini Shepherd, paraphrased by gh, R Australia Talkback 21/7) more, IMI

NETHERLANDS ANTILLES TWR now using 6145 at *0730 in PT (Cushen, NZ, RNMN 4/7)

NEW ZEALAND KIWI Radio, 5849.5, hrd arnd 1030 Sat w/JP IDs, relays of Rebel R Net; 30 watts; plans move to 7340 after July (Geoff Cosier, RA Talkback 7/7) Stn was raised 6/7 during regular bc, for 3rd time in stn history under various names; but hopes to return soon (Mark Warner & Geoff Cosier, RA Talkback 21/7) more, IMI

NICARAGUA LV de Nic has returned to 5950, // 6015; v/s Sr Rodolfo García G (Alejandro Muraro, Argentina, GEB June) Anyone confirm? RFI is there eves in SP (gh)

NIGERIA Only FRCN stns left on air are Lagos, Ibadan, Kaduna, Enugu, Abuja (SCDX 9/7) All closed stns were MW & facilities bot by state stns (Chijioke Anyanun, "print 9/7)

NORWAY RNI changes for EG Sun & UTC Mon from 1/7: 1300 ME/Eaf 17770. ex-21730; 15245 ex-17770; 0400 Mon WNA 9720 ex-9650. As a matter of fact, I note 9720 already in opn 26/6, clobbered by SRI adjacent 9725, whereas 9650 // overrides QRN or another stn on this QRG [hum, 'fq' is shorter, and rather more clear abbr... gh]. Since Frederikstad has two aging 120 kW xmtrs avl, it's definite both units are in use, connected to curtains beamed 330° per info from 'King Olav' Grindalen of Nor Telecom. I also note 9640'd be good fq to use, w/no other stns on it--are you listening/reading, Olav? 11930 for SAM replaced 11925 at 2200; any QRM from R Martf in NKK's target area? [I'd sure think so--no sign of it here u/Martf -gh; Martf claims to be on 11-960 & a lot of other DX pubs've printed such w/out checking] 1/7, rxd letter from Grindalen, saying he returned my cassette which was used in May. I also raised concern over xmtr opns, espaly at Kvitsøy which is opd automatically. Kvitsøy goes on the air 6 mins before hour, whereas Fred is on 10 mins before. This could be problem for listeners in SATl Ocean, being unprepared for wx reports for Atl at 1455, 2255, 0055, 0255 [I thought the wx was for Matl only -gh]. So I managed to have Mr Grindalen ask operators at Kvitsøy to automatically turn on xmtr at 10 mins before hour for xmsns containing wx. This will be in force on the 01, 03 and 15 bcs, but probably : not 23 because "there is some problem w/timing because ant has to turn 180°" hence changeover from 15180 at 2200 to 9605 at 2300. He also said that the head of the SW svc, Mr Thokle, is behind the IDs we hear at begin & end of all xmsns from R Norway. Mr Thokle is also doing the fq ch anmts in 5-min block set aside for tuning sig. Looking ahead to S85, EG to NAM on Sun/UTC Mon'll be at 13, 14, 16, 17, 19, 04 (Joe Hanlon, Philadelphia PA, 23/6)

PANAMA see GUIANA FRENCH in IMI

PAPUA NEW GUINEA R Gulf, 3245, had xmtr difficulties from arnd 1/4 and was off air from 22/5 until 5/6 per QSL letter that date from Daniel K Mailau. Expected it to be 2 more weeks until R Gulf was back on air; "Soon we'll be given a 10,000 W xmtr". But not as of 7/7; I have a very weak stn on 3245 but suspect it's not Gulf (Gerry Bishop, Clark AB, Philippines)

/more PARAGUAY, see GUIANA FRENCH in IMI

PARAGUAY R Nacional apparently reactivated 49 & 25m fqs; IDs on 9735 ment 6025 and 11915, as well as 920 and FM; but not hrd yet on 6 or 11 MHz (Emilio Pedro Povrzenic, Argentina, RN Radio-Enlace 29/6) Anmts not always reliable, cf R Clarín, etc. (gh)

PERU R Continente de Juanjuí, 8926, 19/6 & 21/6 --0301* incl ads 0200 19/6 ("IES" & H Gustavsson, oh that's Lars Erik Svensson, Sweden, SWB) R Contiente, 8626, 28/6 0030-0300 (Henry Bergström, Sweden, SWB) Presumably typo for 8926 (gh) 8926 in quite well 30/6 0015-0030+ w/pop mx pgm hosted by lively M DJ; TC at 0020 for "6:20" (Bob Wilkner & David Potter, Lauderdale Lakes FL, DXSF) Their mistake or yours? Surely not on GMT -6 now (gh) R Sicuani, 4826.3, 20/6 0240-0300 w/ID at t/in, long-winded relig talk; heavy Tachira 4830 splat from 0300; first new 'legal' OAEr hrd in ages (WJ Parks DXSF) New? (gh) 20/6 0244-0319, vy tent, no IDs; LW de la Selva is lower in fq than this (Krueger, ibid.) R Nueva [sic] Cajamarca, 6959v, 0108-0200* 19/6, decent sig but audio badly distorted & unable to zero-beat in ECSS [sic, means NSHD] mode, 'Comunicados' pgm, then adstrng amid Andean mx; 0158 said'd return at 6 am; & seemed to give ancr name as "Mario...Burga". If true, 'd support my supposition that RNC uses xmtr of now inactive R Santa Cruz since Mario Centurión Burga was owner of RSC! But more monitoring needed (Steve Reinstein, DXSF) see also PUBLICATIONS INend

R Tacna, 6562, sent registered letter w/C60 abt history of stn! In 30 days bearing 8 kilosoles postage! Had sent C10, no IRC, no rp. V/s Sub-Gerente Alfonso Cáceres G. QTH: Casilla 370, Tacna (Claudio Dondi, Play-DX 1/7) Same in 100 days plus sexy little calendar! + tourist stickers; had sent C10 and a kilosol banknote; stamped with 3600 soles! This is a real xmtr! Not mixing product as stated by that fat minded computer man living in Ontario, okay world wide readers? (Dario Monferini, Play-DX) Who can that be? I'd hate to crucify you, but the first suggestion I know of that 6562v was a mixing product came from Tetsuya Hirahara; see final Peruvian page, bottom, in Apr LN. Do they say it's real, or do you assume it is because they QSLed? The fq relationship would be quite a coincidence (gh)

more: IMI

[CF July LN; four days after reporting to us from Lima, Gabriel Iván Barrera wrote to DX Australia w/some addl info] R Nueva [sic] Cajamarca, new stn on 6964.4, *1300 giving addr as Avenida Cajamarca 526. R Imagen, Tarapoto on new 5200; ID "...se escucha más y mejor, porque nuestro primer objetivo es el oyente... Imagen 11-60, la radio del buen ambiente." R Central de Bellavista, probably new stn on 4875 strong in Lima 12-13 w/nx pgm, mily mx between each new; in Nueva Bellavista city. R Ancash, Huaraz on 4990 has an addr in Lima: Avda. 28 de Julio 763. R Unión, 6115, 24h on SW w/10 kW; V by QSL. R El Sol, 5970, 2 kW 10-0530; has new QSL card. R del Pacífico, 4975, 1130-0430, v/s J Petronio Allauca. R La Crónica inactive on SW. R América, only SW fq is 6010 w/2.5 kW 24h. R Omega, listed on 6185 and R Santa Rosa, listed on

6045, do not bc on SW (Gabriel Iván Barrera, Lima, 14/6 via DX Australia, July) [cf May IN; while visiting Perú, Don Moore sent addl info on various stns to NU, subsequently reprinted in Apr/May DSWCI SWN, so that now all NASWANS are privileged to see it] R Moderna, Celendín, 4300, has xmtr beside studio, dipole on roof. Anca I talked to had no idea of power, but Gregario [sic] Sánchez de Frecuencia 7 told me 100 watts; WRTH says 250 W, which I think is more likely; R Inca, Baños del Inca, 4494 but now only on 1592; co-owner is Manuel Graciano Terrones, severely crippled w/ his legs and feet twisted and deformed and enlarged rib cage. He walks with his hands. Vy simple stn, still impressive for handicapped person in IAm. Directly over desk is Dexter's certificate in a glass frame, a significant investment for such a stn w/only a dozen or so LPs, about 300 45s, and a few cassettes. Anyone w/a f/up ought to include a cas of mx; they'd vy much appreciate it. Still uses SW dipole on MW. LV de Cutervo, 4965 has rxd reports from US, Australia, Bzl, NZ and Eu; founded in mid-1982. R Ancash, 4990 currently about 3 kW, I was told, but soon to 10 kW. R Ilucán, 5617 mgr/owner José Gálvez Salazar also owns electrical repair shop. Ilucán is the name of a tall hill behind the town, dominating landscape. Over the door to the stn is a certificate sent by Henry Lazarus, in glass frame. On window looking into the studio are stickers for "Brewer fever" on WMIR [Dexter's stn] and also for KRLD, Dallas, and "Shop Eulless" [no doubt from Ralphus W Perry]. Stn used walkie-talkie for remote reports from elsewhere in town. I was interviewed by one. [What's this 'certificate' business--impressing stns by having "You have been hr in..." & frills printed up? -gh]. R Bambamarca, 5657.2, 'bc' from speaker in front of stn is for remainder of day after off the ether arnd 1700v; also another loudspeaker sevl blox away in market. Ant is dipole on roof. At present doesn't feel more hours'd be worthwhile exc holidays. R Acuña, Chota, 5801.7/8 has 100 watts and vy irregular as noted and as per Gerente (actual title Presidente) Victor Hoyos Córdor. R Chota, 6296, off air due to tech problems at least when I visited. Sked 12-02. Dir. Mauro Vásquez González said s/on'd remain at same sun time, 1200 UTC, when Perú returned to std time, tho s/off'd likely be 0300. Offl time doesn't mean a thing to campesinos who listen; they live by the sun. R Selva, Moyobamba, 6698.8, gerente is Fernando Rojas Gonzales. R Frecuencia 7, Rosario, Celendín, 7010.1, began bcng 20/1/85. Xmtr made by local man who used to work w/elec engr firm in Ldma. Same man going to modify it for more power. Gregorio Sánchez Araujo, owner, hopes eventually to get ses-quick xmtr. Present eqp incl xmtr, cheap turntable, mike, 'console' of 3 dials in a little box looking lke homemade ant tuner. Ant abt 20 ft wire sloping down from top of 10' pole on roof to roof level. Opd totally by Gregorio and his teenage son. Also has little elec repair shop. Previously worked for R Celendín & R Moderna to gain experience. Presently the simplest stn I've seen, and first one in IAm w/out even a cas recorder. Record collecion is simply about 100 45s, no LPs I could see. R San Pedro, 7430, off air; xmtr currently at Organización Cajamarca, a campesino development org (Don Moore, visiting Perú earlier this year, via NU via DSWCI SWN)

I wonder if Ralphus W Perry or anyone has noted the phonetic similarity between the Indonesian word for street, Jalan, and the Peruvian term, Jirón? Perhaps this is further evidence of trans-Pac voyager settlement in the remote past. Could this even provoke a response from the mmm Dr Richard E Wood, right in the middle of it?

PHILIPPINES MBS has returned to 3286 tho weak & intermittent; has full carrier^(gh) but low mod; still // 738 (Gerry Bishop, Clark AB, ibid., 7/7)

We previously reported that Maharlika BCing System (MBS) planned to set up 100 kW xmtrs for its ES at Malalos [sic; Malolos] site; the S85 THFBS gives these fqs showing a few more than 2 xmtrs assigned; perhaps fqs'll be selected from these; all target areas are As/FE. 6090 1030-16 & 20-23. 6160 1030-16 & 2030-2230. 7190 1030-16 & 20-24. 7250 1030-16 & 2030-2230. 9560 13-1630 & 22-2330. 9565 12-1630. 9605 1130-1630 & 22-2230. 9690 12-13. 9740 13-1630 & 22-2430. 11725 1030-1230 & 22-04. 11790 12-15 & 00-0330. 11800 0030-01 & 1030-16. 11915 22-2230 & 23-24. 11925 00-04. 11965 22-24. 15170 00-0530. 15195 23-01 & 13-1630. 15225 11-16. 15270 13-16. 15280 23-01. 15360 22-2330. 15370 01-1430[sic]. 15400 01-0430. 17705 01-0430. 17725 2330-24. 17775 01-0430 (Bob Padula, Aug ADXN) more, LMT

QATAR QBS S85 THFBS sked: 250 kW xmtr at Al-Khaisah: 11820 0245-07 & 13-2130. 17830 09-13; 15265 13-2130. Can't find the 100 kW xmtr which used to be on 9570 etc. Al-Khaisah is about 25km N of Doha, a separate xmtr site (Bob Padula, Aug ADXN)

ROMANIA Unlike most extl bcers, R Bucharest is vy modest about bcng in its own lang--sked only to Eu, NAM, and seamen; must not be vy many Romanians elsewhere; viz 0130-02 NAM 11940 11810 9570 9510 6155 5990; Sun 0715-0810 & 0815-0910 17790 15335 to seamen in NW/WAF; 0915-1010 Sun to ENAM 11940 11775 9665 9590 9570. 2000-2030 Eu 11810 9510; 23-24 NAM as 0130. EG: 02-03 & 04-0430 NAM as 0130 RM. 0530-06 Af on

11940 11840; 0645-0715 Pac 21665 17790 15335 15250 11940; 1045-11 M-Sa Eu 15250 11940 9690; 12-1230 As 17720 15380; 13-1330 Eu 15250 11940 9690. 15-1530 As 15335 15250 11940 11775 9690. 1730-18 Af 15365 11940 11830 9570. 1930-2030 Eu 11940 9690 7145. 21-2130 Eu 11940 9750 9690 7145 (WBI 27/6) Suspect 9750 in last is transposition for 9570--not the first time BRCMS has done that (gh) Printed sked now kHz, ex-m! (gh)

SAIPAN KYOI is not for sale tho more business is needed; now selling T-shirts and SW car converter for its fqs; and getting some publicity in Japanese newspapers (Bob Berger, KYOI, RNNM 18/7) KYOI is selling 2h each day to Radio Canada International, to relay their pgm soon in local mornings (Thomas Drescher, GFR, July WDXC Contact) Well, well, RCI has been looking for a FE relay site; JP or EG & FR too? When? (gh) +IMI

SAHOA AMERICAN Pacific Beacon, KBQN may not make it on the air due to \$\$ & problems getting land (David Ricquish, NZ, RA TB 14/7) Was to be MW 585 related to Anguilla

SEYCHELLES [Cf July LN] FEBA in EG to SAs 1500-1615 now on 9640 ex-15329, // 11895 (India reporter to SCDX bc 9/7) Reporter was Sanil Deep, Kerala (SCDX print 9/7)

SPAIN REE in EG to Nam 05-06 also on 5970 (R Horvitz, DC) // 9630 6125, I think (gh)

SRI LANKA SLBC ES reported 19/6 that Tamil terrorists'd caused R Deutsche Welle to abandon ops in SL. Quoting a 31/5 report from Lankapuwath (SL natl nx agcy), SLBC said in an armed robbery 2-way radios & office eqp'd been taken from store of contractor Brown Boveri. Following day, quarters of a German engr raided and he'd been forced to hand over keys of VW camper in which some raiders drove off. Also stole jeep belong DW & upblew approach bridge to DW site. Said DW staff were now in Colombo and project'd been abandoned (WBI 27/6) That had a note of finality to it, and I'll bet DW isn't the only IBCER regretting decision to use SL as relay site in view of continuing violence there, but: (gh) DW stn back on this Tue, on 1548 MW w/GM at 06 and limited SW tests for 2 hours, e.g. on 7200 (Victor Coenetteille, ibid., RNNM 18/7) Jonathan Marks told me another problem they had at site was wild elephants breaking into compound and playing havoc w/curtain aeriels (Mike Barraclough, WDXC) SLBC, 9720, 14/6 1505 EG nx to 1515, ID, fair & readable; 6005 & 15425 no reception (Ed LaCrosse, Redding CA)

SWEDEN SSB svc 05-09 on 17770 ex-21550 (Arthur T Cushen, MBE, RNNM 4/7) Two or 3 Tues in a row, the only day I regularly tune in RSI 1400 bc on 15345, for SCDX, it was blocked intermittently by extremely strong carrier & tone tests, no IDs. My guess was Bethany tuning up before using that fq from 1700 or so for AFRTS; finally phoned VOA asking them to check and cease if they're the source; no problem 16/7 (gh)

SYRIA R Damascus' undated sked: 12-13 16816 [sic] 17840 Nam; 20-21 [sic] 15435 19436 [sic] Eu (Glenn Thompson, NM, July SPEEDX) Damascus obviously doesn't know the diff between a meter and a megahertz, but shouldn't we? 16816 and 19436 are precise conversions to metres of the kHz fqs, missing decimal point; also, 12 bc most recently hrd on 11625 tho ancd 13700; 2005 on 12085 and 17825, not 15435! (the IN ed) 2/6 2005 in EG on 11685 (Phil Dampier, NY, SPEEDX) Maybe, but 21/7 check audible only on 12085 (gh) 5/5 1257 in EG on 11625 ID, ancd "11625 meters and 25.8 kHz per second" (Günter Lorenz, Austria, DSWCI S News) HUTA! (gh) Asgts for newly commissioned 500 kW stn at Adra: 7225 16-02, 9515 18-20, 9565 18-22, 11775 18-24, 11840 22-24, 11905 12-14, 11910 02-06, 15285 06-16. At present, stn uses many OOB channels, such as 11640 12085 7365 etc which don't show up in THFBS (Bob Padula, Aug ADXN)

TAHITI R Tahiti, 15/7 0440 on 9687, way off nom 9750, // 11826, ID (Mitch Sams, Wichita KS, OMC DX Log) Powerhouse sigs on 15170, espily when clear from 05, FR & TT; also on 11825; good island sounds (Chas Weiss, S Euclid OH) Notice similarity in 31m fqs to TANZANIA arnd same time, I say almost alphabetically (gh) more, IMI

TAIWAN For J85, VOFC made extensive sked changes w/many rearrangements both in fq usage & pgm sequencing. No more svcs at strange times like 2140; all pgms now start on the hour. Seems addl xmtr in use, 14 simultaneously on air at certain times such as 0900 Mandarin, ex-13, i.e. [i.e.? oh, let's make it viz.] 7285 7130 9600 9685 9575 11860 11825 11745 15370 15270 15345 15125 11915 17720. Longstanding 17890 entirely deleted. Silent periods are 07-09 & 16-19. V of Asia stn now 01-07 7285 CH & EG. 1030-19 5980 in various langs, no longer from 2310. Relays by VOFC of Family Radio, WYFR pgms: 11-16 CH 7315, 13-16 EG 15025, 12-16 EG 9845, 21-23 9845 CH, 21-23 EG 150-35 (Bob Padula, July ADXN, sked via Masayuki Uchiike, Japan) cf ECUADOR THAILAND: UN

TUNISIA 100 kW Sfax xmtr listed for S85: 6080 16-24, 7225 18-24 & 04-06, 7280 16-24, 9680 04-07, 11730 07-18, 11750 04-07, 15225 07-16, 17870 07-16; shows 3 xmtrs simultaneously 04-24 exc for 06-07 gap w/2 (ITU THFBS via Bob Padula, Aug ADXN)

UGANDA Kampala 5026 0404-0419 7/7 SIO 2+52+ nx, ID as HS (Richard A D'Angelo, PA)

U S S R In NAM svc, this summer, the CAs xmtr Novosibirsk is again on 12060. -9780 in spring, where reception was better. WNA, only 15 MHz channel on Vinius/Kiev/Rodina pgs is 15180 w/usual Peking IAm svc QRM; currently unused 15455'd be much preferable. WS, 15100 ex-15475 as main day fq to ENAM, a listener-losing move from one end of band to other. New 13 MHz fqs added: 13705 10-2030, 13665 10-14. For RS-lang pgs, 15175 remains best day fq but 1500*; 15410 to 1700* but VOA Greenville covered from 16, and DW Ruanda QRM at 12-15. R Stantsiya Tikhiy Okean (R Pacific Ocean): 0715-08 on 5950 7493=LSB 9500 9580 9600 9620 9635 9810 9820 9905=USB 11710 11730 11815 11910 11950 12010 12030 12050 12070 15265 15425 15470 15515 17720 17775 17835; 1830-1930 7235 7335 9685 9795 9820. Some apparent actual sites for NAM svc 22/03: 12060(9640) Kenga, 11850 Plovdiv, 11780 Simferopol, 11750(7100[7105?]) Plovdiv, 11735 Nikolayev, 9880 Nikolayev, 9820 Simf., 9765 Lvov, 9720 Sofia, 9700 Sofia, 9685 Simf. (7195), 9610(7320) Krasnodar, 9600 Havana, 9530 Simf. [fqs in () here are 1/8 changes]. WNA 03/07: 13605 11950 11770 Komsomol'sk; 12050 12030 9580 Petropavlovsk. (Roger Legge, McLean VA, June UHN) You really ought to apply for RM NAM fq mgr position; could be tidy source of addl income, hi (gh)

RM Russian to ENAM/WEU: 10-11 Mayak, 11-1130 First Pgm Nx, 1130-12 Mayak all on 12020 13755 15175. 12-13 RS Atlantika on same plus 15410; 13-14 RS Rodina on same minus 12020, 14-15 Mayak on same plus 12070; 15-1530 5th pgm Nx on same minus 15175, 1530-1630 RS Atlantika on same, 1630-17 Mayak on 12070 13755. 17-18 Mayak, 18-1830 5th pgm nx, 1830-19 Mayak, 19-20 RS Rodina all on 9450 12070 13755. 20-21 Mayak on 9450 12070. 21-2130 5th pgm nx 9450 9880 12070 15150, 2130-22 Mayak on same minus 12070, 22-2230 Mayak on 9450 11690 12070. 2230-2330 RS Rodina 9450 11720 11960 12070. 2330-2430 For Those at Sea 9450 9655 12070 13680. 0030-01 Golos Rodiny on same plus 11720 12000. 01-02 RS Rodina on same. 02-03 Mayak 7100 9450 9655 12000 12070 13680, 03-0330 Mayak 9820 12070 (Pierre Roberge, Ottawa, June UHN) RM Russian rxable in WNA: First pgm: 15490 USB 0430-08, 12070 22-11, 9810 21-13, 7210 08-14, 5940 11-13 & 14-17. Second pgm: Mayak: 15490=USB 2230-04, 11990 20-14, 9905=USB 17-13, 7320 13-17, 7200 15-19, 5970 08-17. Extl svc: 17860 2230-09, 15470 20-1130, 11690 15-1730, 9905=USB 13-16, 9810 15-1730 (Douglas Johnson, WA, UHN)

R Kiev EG changes 1/9 to NAM: 2330-24 9685 11720 11990 13605 15180; 02-0230 on 7175 11720 11790 13605 15180 (via Kraig W Krist, VA) & in Oct an hour later too.

Vatandosh Radiostantsiya (Compatriot R), Tashkent, 11/5 0230-0259* on 7145 Uzbek, nx, list sked, request reports; QRM Polonia, SINPO 53443 (Richard Wood, HI, DSWCI)

U A E UAE R, Dubai reception not good lately; 15/7 0330 EG on 17775 15435 11730, nct hrd on 9565; 11730 was best. 14/7 1600 on new 17775 (Tom McKeon, Indianapolis IN)

U K O G B A N I BBC is having to let go of 4 kilopersonnel, 1/5 of the total; maybe we'll be hearing computerized announcers next? (RN Radio-Enlace 19/7) Due to Thatcher's budget cuts; peripheral svcs like maintenance may be turned over to outside contractors; reallocation of funds may not be completely negative; more should be devoted to drama (Malcolm Downing, ABC London, RA TB 21/7) & RCI Sunday Morning 21/7 also had a lengthy report on this latest threat to BBC. However, u.o.s., "BBC" seems to mean two TV nets, w/radio a mere sideline, external svcs unworthy of mention, and the WS even more inconsequential. Or, all this talk has nothing to do with the ES/WS, I hope! (gh) BBCWS 17/5 2300 in EG on 14650 AM not ISB, not rx mix, SIO 253 (Zeller, OH, ASWLC) But here's what it is: 2nd harmonic of 7325 (gh)

Spectrum World BCing nx: since 13/6 nite svc opl on 3905=LSB; depending on when AIR s/off (sometimes their carrier doesn't stop til 0030) you may be able to hear our svc betw 00 & 0430 tho may s/off a little earlier soon. Primarily aiming for NAM; indeed you can hear their hams on 80m at this time. Initially only 150 W will be used but an all-valve linear amp'll bring us up to 2 kW PEP. The continuous bc'll be hrd daily possibly until July or later; more nx on planned 9960 svc: should be opl again by Juned 24h. It'd've been run before but careful monitoring in Apr evidenced wide-band buzzing noise arnd 9880-9990. I'm happy to say this noise has now disappeared. Owing to work commitments we can't guarantee availability of weekly [Sun morn] 6240 svc; however it may be avl on AM or LSB on sporadic basis. We are currently thinking of production of serious DX pgm possibly w/collaboration of at least one British dx club. 6240 bc again hrd in NZ; tape sent by Arthur Cushen of Apr bc really excellent w/full intelligibility showing that w/ideal time, fq, audio processing, QRP can certainly be effective (via July WDXC Contact)

UNITED NATIONS Big feature of the ITU S85 THFBS is agts for proposed UN Radio global HF net, first mentd some time ago. Now seems first opns about to occur: new outlets being set up in THAILAND, IRAQ, CHILE, ETHIOPIA each w/250 kW to give strategic cov into many countries; funded and installed by UN itself, not to be confused with existing UNR facilities leased from VOA, RAI, etc. Whilst these regs are for S85, this doesn't necessarily mean'll commence then; may not come on air til much later.

Asgts reveal plenty reserve xmtr capacity at the 4 sites, and I'd expect this'd be available to host country for own pgms; some fqs already in use by natl stns, or have been recently. Here are the offly regd fq allocations:

Thailand (Bangkok): 6105 20-21 & 23-2330. 7115 21-2130 & 2130-22. 7145 13-1330 & 22-2230. 9695 2230-23. 11770 12-13. 1330-14. 1430-17. 2330-24. 15145 0930-11. 15430 14-1430. 17735 00-01. 17845 01-02. 17810 0830-0930. 21460 11-12. Intended coverage: Thailand, SEAs, As, Au, China, Jpn, Indo, SL, Pak, India. Some fqs shown w/3 xmtrs simultaneously, either for same area or diff targ; Au on 6105 20-21, 7115 21-2130, 15145 0930-10, 17810 0830-0930.

Iraq (Baghdad): 6115 17-19, 7180 03-0430, 7285 16-17, 9635 0430-0530 & 19-2130, 11860 1530-16, 17770 0530-07. Targets ME, Turkey, Afgh, Maf, NNAF.

Chile (Santiago): 9695 10-11, 11745 11-12, 15115 01-02 & 22-2230. 15130 2330-01, 15290 12-14, 17715 0230-04; principally for S&C&NAM [wonder if these are those dust-gathering La Vox de Chile xmtrs?]

Ethiopia (Addis Ababa): 11710 0230-03, 15335 03-04 & 0530-07. 17755 18-1830. 17855 1730-18 & 04-0430 & 1530-1730. 21465 0430-0530. 21480 15-1530; targets SAF, NAF, WAF (Bob Padula, Aug ADXN)

U S A VOA is planning to resume direct bc to WEU for first time in two sesquidecades, now that a new generation may need to be informed about the US; now in exploratory stage and seeking freelancers @ \$50+ for 3-5 min reports; Langs unselected yet (Bill McCloskey, AP, 9/7 via Bill Dymond, PA) VOA feeder on 6873 hrd 22/6 0340 in def AM tho during selective fades somewhat distorted; reduced carrier or maybe modulating one sideband? (Chris Bagge, MA) That's the usual practice; however full AM is subject to distortion during selective fades, rather than RCSSB (gh) VOA has started a DX pgm in PT, "Ondas Curtas," Sats arnd 1015 on 11715 15195 17830 21490; Gene Raich of EG pgm is assisting (Roberto Levinstein, Madrid, RN Mondo das Comunicações 11/7)

WMLK noted testing again 5/7 1750-1821* on 15110 w/SIO 353; usual format of anmts & scripture readings. Meyer said he has been radio voice for over 20 years. Conducting eqp test to make necessary on air adjs to eqp (Richard A D'Angelo, Wyoming PA) Way off ancd fq 15110 at 1816 20/5, on 15108.4, poor (Marge Witte, CA, SPEEDX) On 15150, 2 19/6 0400-0420+, ID, fq sked, Biblical readings, to zones 27, 28, 30; some tech problems; better reception when offset tuned (a is slope detexion for FM); reception quite good on my R-70's FM detector (I knew it'd find some use in addn to monitoring the neighborhood cordless phones--tho that can be interesting!) (John Tow, Pinson AL, OMDC DX Log) WMLK hrd in late May/early Jun w/teste tape 0430-05 on 15150; believed to be first logging of this new stn in Australia; QRM from RNZ 15150 (Patrick McDonald, Sydney, RA JP DX Time 23/6) Noticed a couple of large white warehouse-type bldgs just W of I-95 in Miami labeled "Yahweh Convention Center" or something like that, also w/Hebrew lettering. Same sect? (gh)

KCBI, Dallas hrd for first time since Jan, test incl tones, anmts every 15 mins, 1932-2000* 20/6 on 11790 (Joe Hanlon, PA) 20/6 1955-2030+ test tones, 2-part mx IS, ID, addr, ET, fair & fading on 11790; 25/6 OC, IS, ID addr, mx after 1900; 27/6 1905+ continuous mx, sounds good; should be ready to go for it (Ed LaCrosse, Redding CA) ETs on 11790 2006-2053 t/out 7/7, SIO 2+42+ Working on the RR IS, ID asking for reports (Richard A D'Angelo, PA) 11790 testing 12/7 & daily thereafter off & on 14-21 --mostly EZL mx, ocel C&W blox; fqtd IDs in EG, ocel SP; "Eyes of Texas" IS: G, solid sig, no sign of tech problems (John Wilkins, CO) Believe their IS is "The Eyes of Texas are Upon You" resembling "Working on Railroad"; they QSLd; lot of spurs arnd 11790 when I logged them; after s/off, spurs gone (M Harvester, M California, 9/7) Strange identity as "Eyes" didn't dawn on me; was expecting something sacred, and the final four notes diverge from that ditty (gh) Radio Earth on KCBI, IMI

WYFR, 7400, 11/5 W in GM 0553, mx, 0557 EG ID, 0600 starting EG to China. Sig strength same as nonstop mx hrd other times this fq (R Horvitz, Washington DC, 8/7) Yes, but it's not the same strength here in the WYFR skip-zone on most bands. China? This is supposed to be Eu svc; more tape mixups, I guess (gh)

gh's DX pgm WORLD OF RADIO has another affiliate in Connecticut: WHUS, 91.7, Storrs, Tues 6:30 pm ET & Thurs 9:30 am ET; time on KWR, 91.9, Laramie WY & xtrs has changed to Sats 9:30 pm MT; others may hear it on WRNO; see July IN (gh)

URUGUAY SODRE intl svc daily on 9620 & 15272 (ex-15300) 21-23; reports to this addr rather than the main one will be processed much faster: Fernando Manfred, SODRE, Agustín Urtvbej [sic] 1329, Apto. 11, Montevideo (Don Moore, Uruguay, July SPEEDX)

R Cristal, 1470 kHz MW, hrd now on 4970 arnd 1400 (Ricardo Gil Hutton, Arg, GEBa)

VENEZUELA R Lara, 4800 w/10 kW 10-04 IDs as "R Tropicalísima" (Pablo LLata Martínez, Caracas, June GEBa = Buenos Aires Listeners' Group) see also INDONESIA

VIETNAM Lam Dong Being Stn has been regular on 4804, sked monitored May-June: *10-11* daily VT, *1145-1215* Sat VT, *1145-1230* Su/Tu/Th/Fr VT, *1145-1215 Mo/We VT, 1215-1230* Mo/We in Co Ho, a Montagnard lang. Nghia Binh BS also regular past months, monitored on 5122: *1145-12* Sat, *1145-1230* Tue, *1145-13* Su/M/W/Th/F, all in VT but Sun xmsns tend to extend to 1318*, 1309* etc. Lai Chau hrd on 6525 from early Apr to late May on somewhat diff sked than previously: *1145-1330* Su/M/W/Th/Sa, *1145-14* Tu/Fr; had been *1145-1330* daily. Tue & Fri after Hmong xman 13-1330 came pgn in unk minority lang; but inaudible since 25/5. Stn believed to be Hue on 4679 till early May, tent sked 1030-1230; but from early Jun on 4652 to 1300*, full sked not confirmed; poor sound quality. Hoang Lien Son still hrd on 5598 & 6713. Cao Bang was between 6522 and 6533 in May and early June; but since mid-June on 6505. Sked had been constant *12-14* but for sev'l days mid-May arnd 14-21/5 hrd daily to 1430*; later check shows back to former 12-14 sked. Stn supposed to be Ha Tuyen hrd few days in May [fq omitted], VP condx so no positive ID, arnd 1230-1330;15/5, however was at 1428-1436 f/out; some important event that date? Son La on 4718 & 6330 since late May. Bac Thai on 6526. (Isao Ugusa, Kobe, Japan, DX Front Line 23/6)

Bac Thai, 29/5 to 20/6 varying 6623-6631 at 1155-1302+, many good IDs; varies weak to G sig. No complete ID on 6713 stn 29/5 to 20/6, stable fq, *1146-1257* Third word was Son, probably Hoang Lien Son. Weak 6713 unID 30/5 1010 could be same strns 10-1030 bc, F-G sig some days but constant het (Ed Lacrosse, Redding CA)

VOV DS, Hanoi, all in VT 2145-02 (Sun 04), 04-0630, (Sun 08)09-1630. Fq usage: 2145 on 10060 6450 5920 4770 3999; 04 change to 10060 7416 6450. 0800 10060 7416 6450 5920 3999 to s/off. Pgms incl: Viet People's Army pgms 2330-24, 01-02 (dictation speed), 12-1215. Nx 23-2330, 05-0530, 09-0915 (Sun 08-0815), 11-1145, 1430-15. Pgm abt Viet nationalities 1315-1330. Pgm for Overseas Compatriots 1530-1630. (WBI 27/6)

Regional stns in VT, Montagnard and/or tribal langs, all fqs & times vary: Bac Thai 6815 0330-0530 & 1130-1330. Cao Bang 6520 04-06 & 12-1430. Gia Lai Gong [sic] Tum 4702 23-2330 & 03-0430 & 1030-14. Hanoi City 7990 & 6850 at 2330-24 & 1030-1330. Hoang Lien Song [sic] 6678 & 5602 00-0030 & 04-05 & 10-1030 & 1145-13. Lia [sic] Chau 6592 04-06 & 1145-13. Lang Son 6510 03-0430 & 1130-1330. Nghia Binh 5080 [sic] 1130-13. Phu Khanh 5140 1030-1230. Son La 6330 03-05 & 12-14. Than Hoa 4885 2330-24 & 1030-11 (WBI 27/6)

VOV ES fq usage: 15010 11-1245, 13-1445, 16-2130, 2145-23, 12035 00-01, 0930-15, 16-1630, 23-24, 12020 always //15010, 11750 0330-0530, 11-16, 10040 always // 12020, 10010 always // 11750 plus 22-23, 00-01 // 6427. 9840 always // 12035. 6427 see 10010. EG: 10-1030 SEAs 12035 9840, 11-1130 SEAs 12035 9840 1010, 1330-14 SEAs 15010 12020 10040. 16-1630 Af 15010 12020 10040. 18-1830 Eu, 19-1930 Eu, 2030-21 Eu 15010 12020 10040. 2330-24 SEAs 12035 9840 (WBI 27/6)

YEMEN NORTHWEST Nice opening on 9780 0257-0315+ 8/7 w/chirping bird IS, widely reported over past 2 yrs but not listed in WRTH--should be!--into clear ID and open AMT, then Qu'ran recitation. Never logged this [before] w/such G sig! (Chris Bagge, MA)

YUGOSLAVIA Regs appear in S85 THFBS for new hi-power 500 kW Bijeljiva site of R Yugoslavia, as distinct from Belgrade facility used for many yrs. Appears that 250 kW facilities are being installed, which'll be opd in // to yield 500 kW at times; some are shown w/lower power of 100 kW from Belgrade xmtr simultaneously; others show both 500 and 100 kW at diff times. When this new facility gets up and running, I don't think we'll be able to miss it! **=250 kW; rest shown as 500. 5955* 1930-20 & 21-21½, 6100 02-03, 04-07, 17-1730; *1430-1630 & *1730-18. 6150 14-15. 7160* 1730-18. 7220 18-1830, 19-21, 22-23. 7240 02-03, 04-07, 1830-19; *1500-1600, 9520 0930-11, 1930-20, 2130-23. 9555 19-20 & 22-23, 9620 04-07. 11735 11-1230 & 15-1530 & 16-1630 & 17-1730 & 18-1830. 11805 00-01, 0930-11, 13-14, 1830-19, 20-21. 11895 01-03, 1330-14, 1430-15, 21-2130 15155 11-12, 15240 01-03, 0930-1130, 13-14, 1430-15, 1730-18 & 19-1930. 15390 15-16. 15415 12-1230 & 1330-14. 17840 11-12, 1530-16, 19-1930 (Bob Padula, Aug AIDX)

ZAMBIA SW is active again: GS 0255-0530 & 1530-close 3346 & 6165; 0530-1530 6165 and 7235=not Sun. HS on 6060 ex-6165; ES on 8948, strong, Sun 11-1230 (Ginbey, MN 11

UNIDENTIFIED 3327.36 African w/weak mod 29/6 2010 (Ollie Alm, SWB) (/7)
4805.3 24/6 1040+ vy weak, only bits of mx thru deep fades. In SWN, Hitoshi Miyashita reports RRI Kupang active on this exact fq; will need a super opening to log this here, I think (Steve Reinstejn, DXSF)

4977.55 African dialect, NA, close down 2000 29/6, poor (SA, SWB, Sweden)

5891.7 Vietnamese-lang, VP mod 12-1245; all Viet regionals accounted for (Geoff Cosier, Vic., R Australia Talkback 7/7)

6011 [cf July IN] Am convinced there are two diff stns; a carrier or spur thruout ev
1/7 on 6010.8 or 6011, didn't vary much & gone by time most Latins s/off; never any-
where near as far up as 6012; tent AFAN never varied fraxion off 6012 and was only
audible later, the sometimes possible to hear both carriers weakly arnd 0400 (Bob
Rankin, Lawrence KS, QMDC DX Log) [more unIDs under PERÚ, LMI]

7195 Spanish at 0445 30/6, impassioned orator, plus shouts, mily mx; G sig, echo box
(Chuck Oliver, Spring TX) Surely R 15 de Septiembre, cf May IN (gh)

7400 Generic mx stn--god, am I getting tired of "Ojos Negros" every hour--now using
this fq at 13-15 instead of 9920, qv; still vy strong in S Florida (gh, 19/7)

7430 presumed US pirate, 7/7 0333-0339* w/P sig in oldies rock mx, addr anmts w/out
QRK (Erich Schulman, Oak Ridge TN) 8999.5 see CHINA

9592.7 stn w/Congo-pop and "R Centrafique" ID in poor FR; really it, or pirate? 28/6
0920, F-G (Olle Alm, Sweden, SWB) Anything on 4796.35? (gh)

9920 Nat King Cole mx stn moved here at 00-02, formerly its morn fq; pgming nothing
but Latin pops, no talk at all; certainly odd one, target unk so far (George Zeller,
Cleveland OH, 15/7) See 7400; also see RIB 101 for fascinating article on History of
Generic Radio stns like this, by Juan Carlos Crawfish (gh) 9920 G here at 0040 check
22/7, fortunately not so strong as to bother BBC's best UK fq 9915 (gh)

11475 Arab speaker 30/6 0337-0403 continual talking til switchpull (Chuck Oliver TX)

CLANDESTINE CRANNY R SPLA, 9600, surprised to hear this 30/6 at
*1300 w/trumpet fanfare, machinegun fire, ID
by M, group shouting and martial mx theme! EG ID at 1302: "This is Radio SPLA, the
Voice of the Sudanese Revolutionary Armed Struggle bcng in the 31m band. This pgm
begins w/mx...at 2:30 pm local time, 1330 hours GMT there will be news and commen-
tary pgms in Arabic". Nx/comment feature in thickly-accented EG, pop/local mx pgm at
1311 using instl version of "I Love You More Than I Can Say" as theme, closing EG
anmts at 1327 and into AR at 1328; presumed via Ethiopia (David Potter @ Robert Wilk-
ner, Lauderdale Lakes FL, DXSF) Trx to this tip, hrd 6/7 *1258-1411 on 9600; carrier,
"reveille" 1259, EG M ID, crowd noise into nx; Sudanese tribal mx, contry, martial
mx to closing ID and into AR 1328. 7/7 had pop mx incl Men At Work "It's Our Mis-
take", contd after 1400 but unable to tell if AR or third lang then. Fair at start,
peaking to G level 1320-1350, then fading. VORE FS equal level on 9560 sametime
(Terry Krueger, DXSF) Originally on 9610; better get this before Havana returns (gh)
R SPLA is the voice of colonel John Garang's christian southern rebellion; its mvmt
is the Sudanese People's Liberation Movement (Jean-Yves Camus, France, June DSWCI)
R Iran & anti-Afghan relay departed 7425; R Iran remains on 15650 at 1430 but gone
from 7425 in the NAM evening, I think he means) since early June (Geo Zeller, OH)

V of the PIA / R Spark / October Storm / Contingent of the Proletarian Fighters
These stns, bcng material hostile to DengXiaoping govt of China, not traced recently
at normal sked times betw 09 & 1130, on 9659 9267 7525 7185. V of PIA was the last
to be hrd, bcng 9/6 (WBI 27/6) V of Liberation of Iran, LMI at end

V of National Army of Democratic Kampuchea confirmed on 5407 ex-5200 20/5 /1020-1327*
in Kampuchean, 1330-14* in VT per Geoff Cosier, Australia. No luck here w/5407; had
noted missing from 5200 22/5, but back to 5200 24/5 mixed w/China 2 x 2600. BBCMS
reported return to 5200 in 6/6 WBI. Cosier also rxd prepared QSL card signed &
stamped in 4 months for report to Permanent Mission of Democratic Kampuchea to the UN
from V/S Tep Khunnal; 747 Third Ave, 8th Floor, NY NY 10017. (Isao Ugusa, DXFL 23/6)

V of Democratic Kampuchea hrd at 1300 on 15300 & 11675 (Bruce MacGibbon, OR)

R Maubere was the name of the E Timor cland [cf July IN CRANNY "Timor/Australia"],
profiled in RIB 54, Aug 81 (R Horvitz, DC) Believe E Timor is in province of Nusa
Tenggara Timur, not Jawa Timur (East Java). Timur is Indonesian for 'east' (Wilkins)

R Magallanes 11890 via USSR in SP to Chile hrd 22/6 w/listeners letters, including
one from NASNA editor Barto; "Crónica Nacional" of mx stories abt Chile, world mx,
0359 IS & into FR as R Moscou Intle (John Wilkins, Wheat Ridge CO)

R Venceremos postcard from KPFA-FM 94.1 Berkeley CA says RV from the FMLN can be hrd
in EG Mons 5:30 pm PT and in SP Sats 3:30 pm; also probably on relay KFCF 88.1 Fres-
no. Pacifica Foundation stns affiliated w/KPFA 90.7 Los Angeles, WBAI 99.5 NY, WPFW
89.3 Wash DC, KPFT 90.1 Houston. I cannot receive KPFA or KFCF so cannot QSL (Mike
Hardester, Modesto CA)

V of Revolutionary Party for Reunification, KOREA N LMI
R Martí, 11815, sent reception report via VOA; rxd full-data VOA card w/Kavala site!
Sent card back & told them to re-check. Rxd usual no-data letter from Thomas Warden,

promising me a QSL card 'when they become available' (John Wilkins, Wheat Ridge CO) Ever since RM went on the air, sales of SW radios have sharply increased. Mainly, it's the Cuban exile community buying the radios (Luis Mández, West New York NJ, July SPEEDX) Interesting, but what's the evidence? Concerning NY/NJ area only? (gh) Around the 3rd week of July there were several mx reports to the effect that R Marti was threatened with a budget cut between \$2 and \$3 million because it had violated separation between church and state by bc'g Catholic mass to Cuba on Sunday afternoons; some members of congress objected to this strongly. I am not sure how definite this cut be at this point; and I forgot to check 21/7 to see if still missing. This may well be one reason for RM's extreme lack of cooperation w/the media in not providing any printed pgm skeds--why make it easy for listendogs to find out exactly what they're doing? Seems to me the Jehovah's Witnesses are much more in need of RM bcs as they are outlawed in Cuba unlike Catholic, merely discouraged; how dare RM, a USG stn, choose to promote one particular religious sect?! But it's not the first USG stn to bc overtly religious pgming to 'captive' nations (gh)

La Voz de Cuba Independiente y Democrática, changes brewing. For several days arnd 10/7 only place I hrd them was vy weak 11680v daytime fq and on 11@9.8 quasi-relay via Clarín. Now 15/7 9940v is back on, lasting well past 0300 w/no switch to 6305v at 0100. 7400 & 7352.5 remain silent. CID shook up sked before, but at least now their 24h svc is off. Was wondering if R Marti'd affect anti-Castro clans in any way, but too early to tell (George Zeller, Cleveland OH)

La Voz de Alpha 66 remains regular UTC Tue/Thu/Sat 0100-0125v on 6666v, drifting up 3 to 5 kHz during bc (George Zeller, Cleveland OH)

R Antorcha Martiana, 7080, 6/7 0129-0134* G sig, tho vy amateurish produxion; Cuban pop mx, ID "...prepararse juventud cubana, prepararse estudiantes cubanos...", operatic theme song, "...y hasta aquí, Radio Antorcha Martiana, órgano radial del Movimiento Insurreccional Martiano". Ancd sked as M/W/F 9 pm on 7080. This shows the lack of coop betw anti-Castro groups as LV de Alpha 66 on at same time on 6666v (Steve Reinstein, Miramar, DX South Florida)

R Quince de Septiembre, 4950, 14/5 0440, excited anti-Sandinista talk abt revolution in Nic; dirxional ant confirms QTH to the south, certainly not Angola, as reported elsewhere. I wonder if there is really a LV de La [sic] Verdade in Angola as listed in some references! No ID on the hour, but clear ID at 0520 in march mx. Why is this stn reported as R. 15 de Sept.? (Neal Perdue, AL, SPEEDX) Well, Neal, since "Quince" is Spanish for "fifteen," I was just saving some space when I do that (John Cereghin, SPEEDX ed.) Not necessarily, John; 'quince' is also the name of a card game, and Sept. is one of the months in which it can be played! (gh)

Spy Numbers Ran across EG numbers by W 1345 18/7 on 12156 RCSSB; different format than I've hrd before, 5-digit but grouped 3, pause, 2, Off with "End" before 14 (gh)

COAX Radio hrd 30/6 2147-2208 on 6210 w/pop tunes, IDs by M at 2150 & 2158; 2150 said "This is COAX Radio, broadcasting in hi fidelity AM. Send your reception reports to COAX Radio, Box 140, Danforth Ave., Toronto, MIL 1B1. Sig at G level til 2208 when a rapid reduxion noted, tho mx weakly discernable u/SSB QRM. Not very pro but xmtr must be real gem. Excellent mod! Assume this to be my first Canadian pirate; hope that wasn't his home addr! (Chris Bagge, Springfield MA) Addr sounds fishy to me. How was name pronounced? Co-ax, coax, or C.O.A.X.?? (gh)

R Morania, 7355, 0324-0337* 5/7 w/ SINPO 34333 to 22332; interesting and somewhat amusing spoof of intl SWBC. Heard Moranian Ham Shack--responding to 'listeners' letters. First one from WIRXQ in RI who said he uses a DX60 for 20m SSB, requesting assistance. O Hunter, the host, told him to 'take up stamp collecting'. Next letter from WQRM in TX complaining abt hearing RM[oscow or orania?] in 40m. Ancr responded by crumpling letter and thanking him for writing. ID at 0327 as "R Morania's external svc". 0329, "Morania on Parade" w/feature on chocolate mining. 0331 sports scores "half time score 4", 0336 "Good night and good luck. Ladies and gentlemen, the national anthem of the Free Republic of Morania" (Richard A D'Angelo, Wyomissing PA) Also hrd 5/7 0324-0338 f/out on 7355 w/SINPO 14122 w/mailbag, mx on DX subjects, such as 75mb ham activities, chocolate mining(!) in Morania; addr w/out QRM and axual addr not hrd. Any ideas for QSL addr? (Erich Schulman, Oak Ridge TN)

'WMTV' 7/7 0119-0335* w/IS, SINPO 25233 on 7425 w/rock mx, reqs for phone mx requests and correspondence to WMTV, c/o John, Box 1945, Delray Beach FL 33444; QSL for SASE (Erich Schulman, Oak Ridge TN) Also 7/7 0204-0332* on 7424, SINPO 25332 to occl peaks 35433; basically rock mx format w/IDs betw selextions, addr as above, phone (305) 936-1010. Reached pre-recorded req line w/M voice saying send SASE for QSL then F saying

they can't take req at this time. Someone got thru from 2.5 kmiles away. Req'd listeners to send material for bc; played "I'm a Fighter," "Stairway to Heaven", Pink Floyd sel on compact disc. "All of us from WMTW would like to thank you for listening and good night." (Richard A D'Angelo, Wyoming PA)

Medieval R, 7425.5, 13/7 0052-0116*, SIO 232. Unique pgm of rock/medieval mx; live commentary of Sir Lancelot battle. Studios in King Arthur's Court w/xmtr on the Round Table; Hilo addr; ancr is "Merlin" (George Zeller, Cleveland OH)

R North Coast Intl, 7427.7, 13/7 0137-0206*, SIO 343+, best pgm so far from them; varied mx, rock, country, 1930s Charleston. Fake ads for RNCI Industries, incl a terrible supermarket tabloid and the RNCI summer pirate radio camp for kids; Moorhead addr (George Zeller, Cleveland OH)

R Nova Intl, 7427.7, 13/7 *0206-0251*, SIO 333. Stn originally relayed via Europirate R Apollo, now on 3 weeks in a row w/NAM xmsn. Rock, reggae, recorded comedy, features on Europirates. Ancr "Sgt Pepper", Moorhead addr. Pgs incl rock trivia contest--listeners guessing mystery song rx a stn pennant (George Zeller, Cleveland OH)

Secret Mountain Laboratory, 7434.2, 15/7 0017-0128 fade, SIO 242. Typical eclectic pgm of country, folk, appalachian, african mx. Gag ads and Firesign Theater sketch. Low-key pro style M ancr, Hilo addr; single-note dissonant chord IS (Zeller, OH)

Voice of Laryngitis, 15050, 14/7 2301-2328*, SIO 151. Poor reception, but usual excellent pgm, from this stn, which won John Arthur's pirate popularity poll in ACE & Monitoring Times. R Martf parody, poorly copied; Battle Creek addr; barking seal IS (George Zeller, Cleveland OH)

"KROK", new pirate, 7431, 0212-0235* 8/6 Chicago mx, Richard Pryor comedy record, ID by DJ, "The Worst of the Pirates", SINPO 33232 (Gary C Hickerson, Ft Smith AR)

"WYNN", 7427.7 0145 22/6 C&W mx, W DJ, ID, heavy static; believed now busted by FCC (Gary C Hickerson, Ft Smith AR) SINPO 22222

"WKUE", 7356.5, 0305 29/6, 33232, oldies pop mx --the good stuff--, DJ gave ID; very pro sound (Gary C Hickerson, Ft Smith AR)

LAST-MINUTE INFO

BOLIVIA By chance while in Cochabamba I met Fr Pete Deckman, in charge of R San Miguel, 3310.

Has been in Benf 5 yrs, but'll return to native Rochester NY in Nov; addr: Casilla 9, Riberalta, Benf. Sked erratic as depends on local power which is highly irregular. R Litoral officially on 5025, not 4588, w/1 kW; currently inactive. R Nacional de Cochabamba, 5975, 1 kW: Rogildo Fontenelle Aragão's DX pgm now on Sat 1000 & Sun 2330 --he now QSLs for both RNC and LV del Trópico; addr: Casilla 2250, Cochabamba. However, you should write him immediately as he plans to return to his native Brazil at latest by yearend. (Don Moore) Following fqs listed in WRTH-85 are inactive: 3280 3330 3885 4090 4094 4584 4710 4756 4775=Trinidad 4806 4817 4853 4856 4915 4959 4985 4990 5045 5077 5312 5505 5870 5995 6045 6175 6185 6218 6293 6340 6675 7408 9555 9605. Fq changes: San Miguel 3310 ex-3315; Cumbre 3595 ex-3380; Padilla 3481 ex-3480; Reyes 4430 ex-4420; 23 Marzo 4636 ex-4638 & also 2nd harmonic 9272; Huanay 4765 ex-4730; Grigotá 4828 ex 4825; Centenario 5020 ex-5030; Galaxia 4500 ex-5159. The remaining stns are active on listed fqs, except following irregulars: 3481, 4938, 4980, 5450=weekends only, 5581, 6081. New stns: R Urkupitña, Manchiri, Oruro, irr. on 4300; R. El Cóndor, Uyuni, Potosí, irr. on 4855; R. Sebastián Pagador, Huari, Oruro, irr. on 5020. The listed LV Caine, 6340, is axually LV Valle, 4 x 1585 tho listed 1485. R. Santa Rosa, 4195 is in Santa Rosa de Yacuma, not simply Yacuma (Rogildo Fontenelle Aragão, Cochabamba, via Don Moore, Ecuador, 16/7) R Viloco, 3340, 9/7 0158 fair, off at 0306 recheck; not hrd since. R Movima, 4472, 9/7 fair at 0210, 0246 and 0310-0332 w/ID, then 20 mins nonstopps til tuneout; regular, noted 10/7 1143, poor, but not on Sun eve (Don Moore, Lima, Perú) R Reyes noted 16/6 in La Paz on 4430 as rptd by Aragão but now back on 4420; poor in Lima, Perú & Machala, Ecuador; 0300* but not noted Sunday night = UTC Mon (Don Moore)

BRAZIL Rádio Difusora de [do?] Amazonas reactivated 4805, first noted 9/7 0058, vy strong; clear ID w/MW & SW fqs ancd 0100, into mx w/many Manaus ments. Again 0954-1007 booming in, much stronger than R Itatiaia was hrd on 4805; TC for 5:55 at 0955 --GMT -4--& 0959 ID "R Dif de Amazonas, mil cem e oitenta (1180) kHz". Better sig than 4845 R Nacional de Manaus! (Steve Reinstein, Miramar, DXSF)

BULGARIA R Sofia 9/6 2045 in EG on 12140, 2 x 6070, 33333 (Edward Stone, UK, DSWCI)

COSTA RICA R Relej hrd one Sat 0719 w/full EG ID incl addr for listener mail, then promo in SP for "Correo Internacional" at 0700 Sundays; but no such pgm hrd when 4832 checked 14/7 (Bryan Clark, Auckland NZ)

CUBA As further evidence that RHC's expansion of EG on SW to NAM a few days after R Marti went on the air, was a sudden unpremeditated decision is the fact that RHC's printed J85 sked, mailed as late as 19/6, still does not show any of the expansion (gh)

DENMARK Roger Atkinson is continuing his campaign to encourage R Denmark to resume intl bcs in EG & SP. If you would like to see RD being in fornlangs, write to Roger at Gillesager 272, S tv., DK-2650 Hvidovre, Denmark (Swedia Netw...oops, SCDX 9/7)

ECUADOR C.R.E., Guayaquil, reactivated 4766.6 for first time since Sept 1980!! ex-4656, which was axually their old fq before 1957; hrd 9/7 1009-1103+, mostly nx w/ many TCs and a few IDs "más información de CRE, Guayaquil". Banco ads, one for Universidad de Guayaquil. Relig pgm 1045-1103 opening w/padre's greetings. Vy strong sig, dominating the Mayak Cuban til 1100 when Havana cranked up power; nice to have 'em back on, but wish they'd stay OOB on 4656 (Steve Reinstein, Miramar, DXSF)

Spur of R Católica, 5055, on 4175, noted poor in Lima, good in Machala. LW del Río Tarqui, 3286, s/on seems to be 1200, s/off after 0330; one of the weakest HGs; on 3260 in Lima, strong het by mixing of Oxapampa & Carrizal; in Machala, Carrizal strong but w/het; not sure which is off-fq. Spur of HCJB 3220 still on 5180 (Don Moore, mid Jul)

FALKLAND ISLANDS This in today from F I Bcing Stn: "Operating on 2380 kHz at the moment. Reception is better on W Falklands on this fq at this time of year. The engineer informs me we use 1 kW power on 3958." This from Wendy Ross. No indication of any change in xmsn times (Mike Hardester, Modesto CA, 19/7)

GABON ANO on 15475 ex-11940 at 17-23 in FR (Leipzig DDR reporter to SCDX bc 23/7) [cf main section] Reporter on SCDX 9/7 item was Chijioke Anyanun, Nigeria(SCDX print)

GREECE VOA Breakfast Show 3/6 0600-0700* on 28905, presumably Kavala 3 x 9635 (Edward Stone, UKOGBANI, DSWCI SWN) Yes, don't give up on 22 + MHz; sporadic E might bring some interesting harmonics if not F2 skip (gh)

GUAM AWR has exercised its option to purchase a 90,000 m² plot of land for construction of SW stn on Faopi Point, overlooking Philippine Sea. Road to property must be built before construction of stn can begin. AWR-Asia should be on air from Guam one year from that time, w/single 100 kW SW xtr. AWR has appointed Mr William "Butch" McBride as GE at Guam; he's well-known in intl radio, having recently been w/KYOI on Saipan [qv] (Peter Bunn, RA JP DX Time 14/7) "Goo-am": KTRW testing daily to ANZ on 11735 at 0825-09 (India reporter to SCDX bc 23/7)

GULIANA FRENCH et al. RFI made a costly blunder by setting up a relay here, ostensibly for SAM; reception in SAM [such as Paraguay] is rarely excellent from southern USA, CAM, Carib, VOA has recognized this by using Monrovia & Brasil relays to SAM. The only benefit of RFI's relay stn is freeing more xmters in France itself to be to SAM; its NAM listeners have benefitted much more from the relay [tho not an offl target!] It's a mystery why RFI doesn't use Gabon to SAM which almost certainly would work much better. A Panamanian site for R Japan might not improve SAM reception either. However, little stns like CFRX Toronto 6070 are heard regularly in SAM at night, on a north-south path; Paraguay 9735 puts a consistently good sig into ENAM w/40 kW (Tony Jones, RCI SWLD 21/7, paraphrased by gh) RFO Cayenne reactivated 3385, 8/7 00 48-0105* w/jazz, nx on hour, ID, guitar IS, s/off w/out NA; CW ute QRM. Goodbye, Tefé: (W J Parks, DXSF) WORLD OF RADIO doesn't make it south of central Perú, but comes in well here in Quito on WRNO [7355 UTC Sun 0130] (Don Moore, Ecuador)

KOREA NORTH /CLAND [Cf July INJV of the Revolutionary Party for Reunification is hrd in EG to As/Af on 9625 9977 11880 at 15-1650 & 17-1850; no longer hrd ch 4120 at 14 (Chatterjee, India, SCDX bc 23/7) What's going on here? Has VRPR taken over completely some R Pyongyang xmsns every day? Not that there's a whit diff (gh)

LEBANON Voice (King) of Hope has changed addr to P O Box 2575, London UK. Due to the serious situation in Leb the old Arizim Motel, Metulla, Israel addr no longer work (RNHN via Thomas Sonntag, GFR, July DSWCI SWN)

LIBYA R Jamahiriya [sic] seems to've shifted EG to 15450 from 11815 tho 25m fq still aned; *2100-2230*, sig level good, mod low (Michael Harla, Vineland NJ, RIB)

MALI RTVM on new 3380 ex-4783, hrd 2215-2359* (Claudio Dondi, Italy; Bob Hill, MA and another reporter to SCDX bc 23/7) If George Wood hadn't been away at ANARCON, he might have noticed what his substitutes did not: an item a minute later from a GFR reporter that RTVI, Ivory Coast is on new 3380 in FR to 0000* is slightly contradictory! Presumably, this majority prevails (gh)

NEPAL R Nepal changes: Ch. 1 on 684, 792, 5005; Ch 2 on 729 and 7165; both channels operate 0015-0515, 0615-1015(exc 684), 1145-1715; 7165 has ES in EG 1045-1115 and NP 1115-1145. Both ch combine for EG nx 0215 & 1445 and at other times (Miss Mohini

Shepherd, Kathmandu, SCDX bc 23/7) 7105 ex-7165 in EG 1445 (India reporter to ibid.)
Mr R S Karki at R Nepal supplies current SW sked; 7165 ex-3230 during June: Ch. 1
Natl svc 0015-0515, 0615-1015, 1145-1715 on 7165. Ch 2 Commercial svc 0145-0215,
0615-1015, 1145-1715 on 5005. ES at 1045-1145 on both 7165 & 5005 (Peter Bunn, RA
JP DX Time 14/7)

NEW ZEALAND After almost 3 yrs on air, KIWI Radio, the hobby pirate beer, was
closed down by police and PO inspectors Sat 6/7. KIWI had operated most weekends
since 23/10/82, initially on FM and later SW, and originally under callign of R Free
dom for FM and R Star for SW; from Hastings. The operator, 26-yr-old Graham Barclay,
has tussled with the law on two previous occasions. While operating Freedom Radio in
Dunedin between 1980 and 1982, he was raided twice and subsequent court appearances
cost him a total of NZ\$1110 in fines and court costs. Mr Barclay seems undaunted by
the seizure of 2 xmtrs and other eqp/items, incl pgm tapes, stn logbook, and listeners'
letters, and is confident that he can be back on air within a month (condensed
from Hawkes Bay Herald Tribune, 8/7 by Bryan Clark, Auckland) I am now providing DX
news every week via TVNZ Teletext on page 304, on behalf of NZRDXL; 15 kilosubscribers
nationwide can access them (Bryan Clark, Auckland NZ, 14/7)

PERU Loggings etc while in Lima 9/7 & 10/7; Machala, Ecuador, 13-15/7: 3230, R El
Sol de los Andes. 0300+, full data ppc QSL picked up on visit--w/s Adela Martínez
Arca. 3260 see Ecuador. 3290, R Tayabamba noted 9/7 0311 w/huaynos but not since.
3330 Ondas del Huallaga, 0157/0306 G 9/7 w/CHU under; also 1147 w/ad for "Comercial
San Martín Popular"; regular w/huaynos. 3889 unID 15/7 0115, Pv folk mx, VP w/hams.
3918a/3952a R El Porvenir first noted 9/7 on 3918, G sig, various chex 0150-0334, al-
ways distorted. Lots of huaynos. Noted in morn arnd 1215. 14/7 switched to 3952,
0154-0207, lots of ads, W ancr was Silvia Cruz Rodríguez; said gerente is Lucho Salinas
Rodríguez. Few IDs but many local anmts. 4004 R Grau not noted in Lima but G in
Machala 13/7 1340-1400 w/romx & tromx. Banco de la Nación ad, ID "Desde Huancabamba,
un --- en los Andes, departamento de Piura, Radio Grau"; ancs 4010 kHz, 80m; 14/7 no-
ted on at 2350 but off at 0045 recheck. 4025 [cf July IN, Klemetz has it "RPC, LV de
Rioja"] "RPT", G sig eves in Machala, many IDs this way by same W ancr who does 90%
of anmts. Slogans "simboliza la elegancia del servicio de la buena música." "el es-
tilo hace la diferencia" (the style makes the difference). The style is different--
alternating every song or two between SP romx and US hard rock, w/occl huayno or trop
piece inthrow. GMT -5 TCs. No ads, anuncios or saludos of any kind. Besides giv-
ing no clue to exact locstion, I wonder how they make any money--at one point I lis-
tened 1 1/2 hours. Other than the TCs, huaynos, no clue of QTH. Announces 4025. 75m.
4254 R El Sol de los Andes, Santa Cruz, noted nightly from apparent *0000 to 0315+.
G sig but often much ute QRM; not noted in morns. 4300 R Moderna, G from 2300 to
0300+; s/off should be 0500. 4460 R NorAndina, strong eves in Lima & Machala, 2300-
0330+, assume s/off 0500; when the Calendín power supply shuts down. Some great huay-
nos. Ads e.g. Librería Camacho, Bar-Restaurant La Cubañita. ID "Estamos presentando
música folclórica, música --- a través de la frecuencia de 4460 de NorAndina." 4605:
R Ayaviri, 9/7 0215-0245 G w/romx, many IDs, "R Ayaviri, LV del Hogar"; ads for Coka,
Banco Agrario; 10/7 0200 mx; 14/7 0049 huaynos; daily but not in morns. 4730--unID,
9/7 2315 fair; 10/7 not on at 0203 check nor at 1143 or 1211; but on at 1247, poor w/
huaynos, unclear M ID 1302, into pops; not hrd since. 4775 R Tarma, 10/7 *1200, G.
4840 R Andahuaylas, 10/7 1202-1225, possibly just signed on; IDs, huaynos, ads for
Banco Agrario and National (Panasonic), lots of avisos, G. 4885 R Huancavelica is one
of strongest Pvs, morns & eves. 4895 R Chanchamayo, 9/7 1235-1253 huaynos, W ancr.
ads for Banco de Crédito, Comercial Chanchamayo, Comercial Automotriz Santa Clara; F,
further chex reveal *1200; also 10/7 0318 mx. 4905 R Cobriza 2000, 9/7 2318-2342,
huaynos, 'música de su preferencia,' many IDs, TCs but no ads or avisos; G, but next
morn 10/7 on 4925 *1201, F; seems to be 4905 eves, 4925 morns, after further monitor-
ing. 4960 R La Merced, 9/7 1257-1305 poor w/ID, ad for BATA (a Peruvian shoe chain).
Also 10/7 0208-0239, F w/huaynos, ads for Sal Andrews, Banco Agrario, Cerveza Cristal,
and at 0316 recheck playing SP pops; further chex indicate irr. s/on arnd 1200-1215.
4965 LV de Cutervo, 13/7 1402 G w/ranchera mx, IDs. 5005 R Eco, 10/7 0103-0111 G w/
Inca Kola ad, ID "R Eco, la estación del amor" into nx pgm "Panorama"; not on at 0314
recheck. 5130 R Visión, Juanjuf, hrd P-F eves to 0330+, morns *1200. Ancd 1520 &
5360 kHz tho not on 5360; nor on either fq 15/7. Wonder if lower power xmt as not
the powerhouse this once was. 5190 suspect R Nuevo Continente the one w/huaynos eves
and morns arnd 1130-1230, but always destroyed by slop from R Imagen, 5200 which re-
ceptionwise was the most potent Pv hrd. 5324 R Acobamba. *1200; eves 0330+, all hu-
aynos. 5617 noted tentatively R Ilucán VP after 1200 only; never in evenings. 5720,
R San Miguel Arcángel, never on in morns; s/on varies 2300-0000; always strong but
slightly overmod; lots of huaynos, IDs, local anmts past 0330. 5800 R Frecuencia San
Ignacio, not on in morn; s/on 2300 or before; hrd past 0330. Huaynos, often W DJ, lot

of local anmts, ads for Bodega Restaurant San Juan, Carpintería Cruz; strong. 535
R Huancayo, 10/7 1225-1237 romx, IDs, lots of ads: Mejoral (cold medicine sold thru-
out Lam), Sal Andrews, Cerveza Callao, Banco Int'l; G. 5970 R El Sol, 10/7 *1200.
6280 R Huancabamba, not on morns; s/off normally 0300 exc Sun went off betw 2345 &
0115; 'Romance Musical' pgm begins at 0000; mainly huaynos tho lots of community
anmts, IDs, strong. 6324 Estación C noted morns & eves, but also took Sunday night
off. 6364 R Huallaga, *1200, eves past 0300 but often VP w/ute QRM. 6565 unID 14/7
2337 instl mx, VP, off later. 6655 R Santa Cruz? VP 10/7 0247 w/huaynos, not since.
6962 R Nueva[sic] Cajamarca, 14/7 2338 w/huaynos, ID, but off at 0111 recheck. Good
& not distorted, New xmtr? As to QTH, Nuevo[sic] Cajamarca did not even exist 10 yrs
ago tho has over 10 kilopop today; thus not on maps. Is in provincia Rioja, half-
hour drive W of Rioja, so I was told. 7010 R Frecuencia Siete, noted occy eves but
much ham QRM. 7053 R Celendín, 10/7 0250 E w/"Vibraciones Juvenil[es]" pgm. 7400-
13/7 1410 unID nonstop SP pops, VP (Don Moore, Peru & Ecuador)

PHILIPPINES FEBC 15410 slightly off-fq causing had het on DW Antigua until latter
closed 14/7 0150; various As langs w/gospel pgms; at same time EG on 15310, 0200 intl
mx (Bryan Clark, Auckland NZ)

SAIPAN KFBS receptions: 0900 on 9685 in Russian o/VOFC in Mandarin which also *0900.
0900 on 11745 in unID lang, weak under VOFC in Chinese. 30/6 19-20* on 9745; 1900
mostly mx to 1930, sounds like EG to 20, weak & not vy stable; have not had a reason-
able sig during this time period since. 1/7 & 11/7 2300 & 2359 EG ID and pgms in As
langs [fq omitted]; 8/7 0050-0055 on 15415 mix w/weak stn in PT, probably the Brazil-
ian; not much of a sig from KFBS either (Ed LaCrosse, Redding CA, 17/7)

SPAIN REE hrd in EG 22-23 on unamed 9580; ancd fqs are 5900 7105 9780 (Stewart Fen-
wick, Scotland, SCDX print 2/7)

TAHITI 15/7 0320-0800* on 9688 // 6135 11825 15170; all have open carrier on to abt
0830 after 0800 s/off; exc 15170 not that late. 9688 probably move from 9750 (Ed La
Crosse, Redding CA)

U S A Radio Earth will resume NAM svc as from 3/8, Sat & Sun 19-21 on KCBI Dallas
11790 (George Wood, at ANARCON Milwaukee, SCDX bc 23/7) Perhaps this means KCBI's
own regular pgming is starting, after a sesquimonth of mx tests (gh)

CLANDESTINE V of the Liberation of Iran, 0330-0525 & 1630-1825 on 15555 & 9027; one
addr is P O Box 301582, 2000 Hamburg 36, W Germany (James Parker, Swansea, SCDX 23/7)

BEC MONITORING SERVICE While this LN has turned out to be of the usual length, you
may have noticed the paucity of BECMS (WBI) items--only from the final issue in June.
Contrary to their plans a year ago, WBI is still published but in expanded form and
at about 5 times the price, which was already quite high. We are evaluating whether
the expenditure is still worthwhile; the first new issue in July, for instance, ran
42 pages including a great deal of material on TV, satellites and being in general
which is not really relevant to SWL & DX; in fact only about 5 brief items would have
been reprinted here. In the meantime, we plan to continue mentioning on our RCI SWL
Digest reports anything of DX news value provided by BECMS (gh)

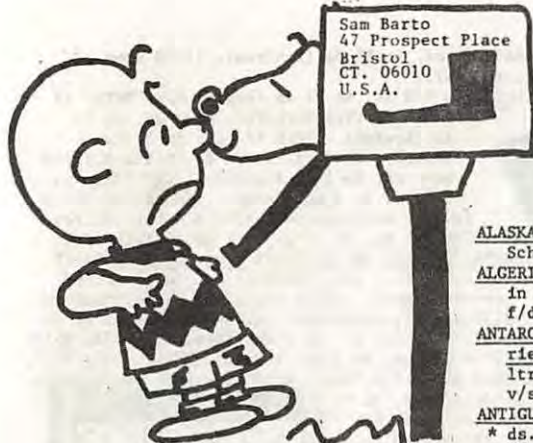
QUERY TO LN READERS 1) Have you ever obtained an item from LN valuable to your own
DX listening? 2) Have you ever had an item you knew would be of interest to others
but failed to send it to LN? 3) Don't you feel the least bit guilty? The whole
point of this information exchange is give and take (gh)

PUBLICATIONS

The Radio Jackie LP, 16 years of radio history NOW on hi-
quality 12" LP, 1969-1985. Order Now, limited edition.
The remarkable, crazy story of Britain's best-loved landbased pirate radio stn which
achieved world fame recently in its brave struggle to pioneer independent small busi-
ness radio in the UK. The sounds of the exciting early days; studio quality Radio
Jackie jingle; more than 40 mins of hillies from pgms over more than a sesquidecade,
w/original recordings, culminating in dramatic events leading up to closedown on Mon
4/2/85, w/that-provoking excerpts from the extraordinary FINAL HOUR. Hear the voices of
R Jackie presenters, incl Ron Brown, Jerry James, Jimi King, Mark Lawrence, Dave
Owan, Bob Randall, Dave Small...and many more! The Sound of SW London on 227m/1332
kHz. A collector's item absolutely not to be missed! Available NOW thru World Music
Radio. Prices: to UK & continent, 5.99 pounds or 27.50 Dutch Florins; outside Eu,
7.99 pounds, US\$10 or 35 Dutch Florins, each, incl postage & packing, by airmail in
this case. From: World Music Radio, P O Box 4078, 1009 AB Amsterdam, Holland (via
Eric Falkenhan, Baltimore MD)

Lost Cities of the Andes, an article about Gran Pajatén, Perú, tho not about radio;
w/lots of color photos, in Science Digest, June 1985 (via Cathy Moore, Madison WI)

QSL REPORT



ADMIRALTY ISLANDS: Radio Manus 3315 p/d personal ltr. in 38 ds. for an SASE, v/s Raka Saini, Station Manager. (Kusalik-ALB).

ALASKA: KNLS 11850 f/d cd. in 10 ds. for ms. Schedule rcvd. (Kremer-SC).

ALGERIA: RIVA 17745, 9640 and 9688.7 p/d cd. in 9 wks. for a FR rpt. (Barto-CT). 17745 f/d cd. in 70 ds. for 2 IRCs. (Renfrew-NY).

ANTARCTICA: Radio Nacional Arcangel Sao Gabriel LRA36 15474 f/d B&W "Logo" cd. w/ ltr. in 141 ds. for a SP rpt. and 2 IRCs. v/s Jose Carlos Prado. (Brouillette-IL).

ANTIGUA: BBC 11775 p/d personal ltr. in 13 * ds. v/s James W. McKay, Caribbean Relay Company Manager. (Eckert-PA).

ARGENTINA: RAE 9690 f/d cd. in 1 mo. (Bowden-CA).

ASIATIC RUSSIA: Radio Moscow 15155 via Chita f/d "St. Basils" cd. in 28 ds. (Plum-NJ).

AUSTRALIA: Radio Australia 9760 via Shepparton f/d cd. in 3 mo. (Bowden). 9580 cd. in 18 ds. (name?) VL4 4920 f/d "Map" cd. in 77 ds. For 2 IRCs. (Paszkievicz-WI). VL4 4920 same cd. in 72 ds. for ms. (actually rpt. was for VLQ9!) (Dillon-MD). VLQ9 9660 via Bald Hills cd. in 6 wks. (Bowden-CA).

AUSTRIA: ORF 6000 f/d cd. in 3 wks. (Bowden). "Skiers" cd. in 188 ds. for a GM rpt. (Levison). 11660 f/d "Tiroi" cd. in 5 wks. (Barto). 6000 and 5945 f/d "Ober Osterreich" cd. in 2 mo. (Barto). 5945 f/d cd. in 80 ds. (Levison). f/d "Holiday Resorts" cd. in 6 wks. (Bowden).

BANGLADESH: Radio Bangladesh 11935 f/d ltr. in 3½ mo. v/s Md. Abdul Haque Bhuiyan, Station Engineer. (Barto-CT).

BELGIUM: BRT 5910 f/d "La Danse de la Marlee" cd. in 57 ds. (Levison-PA). f/d ltr. in 1 mo. (Turner-NY). 21460 f/d "Circuit Oscillant Final" cd. in 15 ds. w/ sticker for a FR rpt. (Dillon).

BONAIRE: TWR 9535 and 11815 f/d "Underwater" cd. for 1 IRC. (Sales).

BRASIL: Radio Cultura Araquara 3365 f/d ltr. in 46 ds. for a PT rpt. and ms. v/s Antonio Carlos Rodrigues dos Santos. (Wilkins).

Radio Globo 6125 n/d cd. in 34 ds. for a PT rpt. and ms. (Wilkins-CO). Radio Bandeirantes 6185 9645 and 11925 p/d ltr. in 3 mo. for a PT rpt. v/s Salomao Esper, Superintendent. (Barto-CT). VOA via RadioBras 17885 f/d cd. in 2 wks.

(Van Horn-FL). 9580 f/d cd. in 16 ds. (Wood-NY). 17710 cd. in 19 ds. (Hardester-CA). RadioBras 11745 f/d "Recife Harbor" cd. in 32 ds. v/s Denise Ochoa. * (Cole-CO). Radio Poti 4965 n/d cd. in 1 mo. for a PT rpt. and ms. v/s Maria Luiza Marques da Luz. (Dillon). 4963.8 p/d cd. in 1 mo. for a PT rpt. v/s Ademir Ribeiro. (Barto-CT).

BULGARIA: Radio Sofia 9665, 7115 and 6070 f/d cd. in 3 mo. (Barto). 7115 f/d "Kukery" cd. in 90 ds. (Plum). 9700 f/d "Bachkovo Monastery" cd. in 84 ds. (Levison). same in 2 mo. for 2 IRCs. (Wood). in 61 ds. (Brouillette).

FEBRA RADIO

RADIO RSA
THE VOICE OF SOUTH AFRICA

BULGARIA: Radio Sofia 9665 f/d cd. in 80 ds. (Renfrew). 11720 same cd. in 4 mo. (Sales).

CANADA: RCI 9755 f/d cd. in 27 ds. (Bear). f/d "DIYS" cd. in 14 ds. (Van Horn-FL). same cd. in 10 ds. (Bowden), 17820 f/d cd. in 3 wks.

(Sales). 5960 cd. in 14 ds. (Dillon). 11710 same cd. in 1 mo. (Levison). CHU 7335 and 3330 cd. in 3 mo. (Sales). n/d cd. in 90 ds. for ms. (Renfrew). 7335 n/d "Sir Sanford Fleming" cd. in 57 ds. for ms. (Wilkins-CO).

CHINA, PEOPLES REPUBLIC OF: Radio Beijing 11860 f/d cd. in 2 wks. (Bowden). cd. in 22 ds. w/ pennant. (Bear). 15520 f/d cd. in 1 mo. (Renfrew). 9730 f/d "Kunming Lake" cd. w/ pennant in 32 ds. (Cole). 9820 f/d cd. in 2 wks. (Bowden). 9535, 9550, and 9730 f/d cd. in 1 mo. (Bowden). 9820, 9535, 9550, 9730 and 11860 f/d "Great Wall" wd. in 1 mo. (Bowden).

BPM 15000 f/d cd. in 78 ds. v/s Yang Huci-xu, Director. (Bishop-PHIL).

CLANDESTINE: La Voz del CID 10040 f/d cd. in 15 ds.

for a SP rpt. (Barto).

COMOROS: Radio Comores 3331 f/d cd. w/ personal ltr. in 40

* ds. for a FR rpt. and an SASE. v/s Hamidou Ali Mchagame. Took 6 f/up rpts! (Reinstein-FL).

COOK ISLANDS: Radio Cook Islands 11760 f/d "Conch Blower" cd. in 2 wks. for 2 IRCs. v/s Nooroa E. Tangaroa, Director. (Talbot-ALB).

COSTA RICA: Radio Rolo 4832 and 6032 p/d cd. in 5 mo. for a SP rpt. v/s Francisco Barahona G., (Barto-CT).

CZECHOSLOVAKIA: Radio Prague 7345 and 11990 f/d "Lidice" and "Javoricko" cds. in 21 ds. w/ sticker. (Plum-NJ). 5930 and 7345 f/d cd. in 2 wks. (Bowden). 9605 and 11990 f/d cds. in 2½ wks. (Bowden). 7345 f/d cd. w/ schedule in 22 ds. (Levison-PA).

NOTE: For those of you using mint stamps (ms.) with your reports, the address to obtain a price list is as follows: DX Stamp Service, c/o G.N. Robertson, W2AZX, 7661 Roder Parkway, Ontario, N.Y. 14519
Thanks to Paul Brouillette!

ECUADOR: HCB 17790 f/d cd. in 6 wks. (Bowden). 9745 f/d "Mountain" cd. in 60 ds.

(Plum). Emisoras Gran Colombia 4911 personal ltr. w/ large pennant in 54 ds. for a SP rpt. and ms. v/s Nancy Cevallos Castro de Espinosa, Departamento de Reportajes.

(Reinstein). La Voz del Upano 5040 f/d cd. in 7 wks. for a SP rpt. (Barto). Radio Catolica Nacional 5055.1 p/d ltr. in 2 mo. for a SP rpt. v/s Mons. Jose Vicente Eguiguren, Director General. (Barto). HD210A 7600 p/d cd. w/ decal in 97 ds. for a SP rpt. and ms. v/s Victor Yopez Valarezo. (Wilkins-CO).

EGYPT: Radio Cairo 9475 f/d B&W "Mosque" cd. in 40 ds. for 2 IRCs. (Brouillette).

ETHIOPIA: Voice of Revolutionary Ethiopia 9560 f/d cd. w/ decal in 81 ds. v/s Mrs. Zemenay Laiké, Assistant Audience Relations Official. (Kusalik).

FALKLAND ISLANDS: FIBS 3958 p/d cd. in 6 wks. for 1 IRC. v/s Wendy Ross. (Gliksmann-IL). p/d cd. in 135 ds. (Hardester). 2370 cd. in 5½ mo. for an 82 reception. (Bishop-PHIL).

FINLAND: Radio Finland 15400 n/d schedule in 60 ds. (Renfrew). same in 18 ds. (Eckert).



RADIO DIFFUSION TELEVISION DE DJIBOUTI

Mr. CHARLES R. FOX, Jr.
P.O. Box # 200
2812 Myrtle Avenue
ROCKLAND, Virginia
U.S.A. 22104

A l'attention de Mr. CHARLES R. FOX, Jr.

Monieur,

Je vous remercie de l'intérêt que vous portez à notre Station.

En vous adressant ce-joint une cassette enregistrée en différents indicateurs de notre radiodiffusion ainsi qu'une documentation relative aux heures d'émission.

Travaillez agréer, Monieur, l'expression de nos sentiments les meilleurs.

Paris le 22/02/81, la 14 17 18 81

Le Chef de Programme

CHARLES R. FOX, JR.



FRENCH GULANA: RFI 9800 f/d "RDF" cd. in 2½ mo. (Eckert).
 GERMAN DEMOCRATIC REPUBLIC: RFI 11975 f/d cd. in 35 ds.
 (Plum). same in 2 wks. (Bowden).
 GERMANY, FEDERAL REP. OF: VOA 3980 via Munich f/d cd.
 in 3 wks. (Wood-NY). Sudwestfunk 7265 f/d "Earth" cd.
 in 144 ds. for 2 IRCs. (Wood). Deutsche Welle 6040
 cd. w/ pennant in 35 ds. (Bear).
 GREECE: VOA 9700 via Kavala f/d cd. in 10 ds. (Wood-NY).
 GUAM: KTWR 11840 f/d cd. in 16 ds. for 2 IRCs. (Wood).
 same in 2 wks. (Bowden).
 GUATEMALA: La Voz de Atitlan 2390 f/d prepared cd. in
 150 ds. for a SP rpt. (Reinstein-FL).
 HOLLAND: Radio Nederland 9895 via Flevo f/d cd. in 1 mo.
 (Eckert). same in 1 mo. (Bowden). 6020 cd. in 19 ds.
 for 2 IRCs. (Kremer-SC). 6165 cd. in 27 ds. (Bear).
 ICELAND: ISBS 13797 f/d cd. in 5 wks. (Barto-CT).
 INDIA: AIR 11620 f/d "Laskhmi Narain Temple" cd. in 45
 * ds. for 2 IRCs. (Turner). AIR 3315 via Bhopal f/d ltr.
 in 86 ds. for an SASE. v/s P.C. Shringi, Assistant
 Station Engineer. (Kusalik). f/d "Flora Mountain" cd.
 * in 3½ mo. v/s H.O. Agrawal. (Bishop-PHIL). AIR 3235 via
 Gauhati f/d cd. in 10 wks. (Bishop). AIR 4840 via Bom-

bay f/d cd. w/ schedule in 2½ mo. (Barto-CT).
 IRAQ: Radio Baghdad International 9610 p/d cd. w/ pennant in 100 ds. for 2 IRCs. (Renfrew).
 same in 2 mo. (Barto).
 ISRAEL: IBA 11655 f/d cd. in 57 ds. (Cole-CO).
 9440 f/d cd. in 2 mo. (Sales).
 ITALY: RAI 9575 and 5990 f/d cd. in 3 mo.
 (Bowden). 15310 f/d "Art" cd. in 2½ mo.
 (Bowden). 11800 f/d cd. in 2½ mo. (Bowden)
 17780, 15385 and 15245 f/d cds. in 3 mo.
 (Bowden).
 JAPAN: Radio Japan 17755 f/d "50th Anniver-
 sary" cd. in 1 mo. (Turner). same cd. in 5
 wks. (Bowden). p/d "Nagano" cd. in 17 ds.
 (Bear). 9505 cd. in 18 ds. (Hardester-CA).
 f/d cd. in 1 mo. (Bowden). Radio Tanpa NSB
 6055 f/d "Super Wave" cd. in 1 mo. (Bow-
 den). 3925 same cd. in 1 mo. (Bowden).
 JAVA: RRI Surabaya 3975 f/d ltr. in 1269 ds!
 for an IN rpt. and ms. v/s Agus Widjaja,
 Kepala. (Wilkins-CO).
 KOREA, REPUBLIC OF: Radio Korea 9750 f/d
 "Seoul 86" cd. in 31 ds. w/ pennant. (Bear).
 KUWAIT: Radio Kuwait 9840 f/d folder cd. in 41 ds. (Cole).
 LESOTHO: BBC 6195 f/d prepared cd. in 20 ds. via London. (Renfrew-NY).
 LIBERIA: ELWA 11830 f/d cd. in 100 ds. for 2 IRCs. (Renfrew). VOA 15600 f/d cd. in 6 mo.
 * w/ decal. (Eckert). VOA 5LA10 10877.3 via Careysburg cd. in 3 wks. - cd. says Poro
 but RTTY sources say Liberia. (Barto-CT).
 LITHUANIAN SSR: Radio Vilnius 9685 f/d cd. in 20 ds. (Renfrew).

Pirate Radio Central



KPRC

1616



VOUS AVEZ ENTENDU
 USTED ESCUCHO
 YOU LISTENED

T. I. L. X.

CADENA de EMISORAS COLUMBIA

APARTADO 706 - SAN JOSE, COSTA RICA.

TO S WL Wendel Graighead WE ACKNOLEDGE YOUR RECEPTION
 OF RADIO COLUMBIA on 4825 KHz. At 12:03 HRS LOCAL. GMT
 DATE October 24 19 33 THANKS FOR YOUR QSL CARD, 73
 Technical Data: Xmtr PWR 10 KW. Antenna QUAL 2 ELEMENT

Other used frequencies:
 760, 1060, 1160, 1240, 1320
 1460 and 1520 KHz.

D/ CADENA DE EMISORAS

COLUMBIA
 Signature

NEWS - SPORTS - RADIO THEATER - ENTERTAINMENT AND
 EDUCATIONAL PROGRAMS.

LUXEMBOURG: Radio Lux-
 embourg 6090 f/d
 cd. in 3 mo. for 1
 IRC. (Turner).
 MEXICO: XEOK 9555 p/d
 ltr. in 6 wks. for
 * a SP rpt. and 1
 IRC. v/s Carmen
 Elisabeth Strobl,
 Gerente. (Glikzman).
 XERMX Radio Mexico
 9705 f/d cd. in 112
 ds. for a SP rpt.
 and 1 IRC. (Levison)

MONACO: TWR 7160 f/d cd. in 2 wks. for 2 IRCs. (Turner).

MONGOLIA: Radio Ulan Bator 12015 f/d cd. in 12 mo. for 2 IRCs. Pennant and personal ltr. rcvd. (Talbot).

NEW ZEALAND: Radio New Zealand 17705 f/d cd. w/ pennant in 3 wks. for 3 IRCs. (Turner).

NIGERIA: Cross River Radio 6145 p/d ltr. in 470 ds. for 2 IRCs. v/s B.E. Bisong, Chief Technical Officer. (Wilkins). Voice of Nigeria 7255 p/d ltr. in 210 ds. for 2 IRCs. (Renfrew).

NORWAY: Radio Norway 15305 f/d "Rostad" cd. in 3 1/2 mo. (Barto). p/d cd. in 51 ds. w/ sticker. (Loh-CA). same in 29 ds. (Bear). 9645 f/d cd. in 3 wks. (Bowden). 9605 f/d cd. in 1 mo. (Bowden). (Bishop-PHIL).

FAPUA NEW GUINEA: Radio Western 3305 n/d ltr. in 5 1/2 wks. v/s Jowi Gauga. PERU: Radio Pucallpa 6155 p/d ltr. in 28 ds. w/ bottle opener for a SP rpt. * and 1 IRC. v/s Melita Z. de Dellepiane, Administradora. (Gliksman-IL).

PHILIPPINES: VOA 7653.5 f/d cd. in 3 wks. (Barto). 15425 via Poro f/d cd. in 5 ds. (Renfrew-NY).

POLAND: Radio Polonia 7270 f/d cd. in 143 ds. (Levison-PA).

ROMANIA: Radio Bucharest 7195 f/d cd. in 81 ds. (Levison).

SABAH: RTM Sabah 4970 via Kota Kinabalu p/d cd. w/ ltr. in 5 wks. v/s Mrs. Ramlah Amir. (Bishop-PHIL). same in 109 ds. after 5 tries! (Kusalik).

SAIPAN: KYOI 11900 f/d cd. in 19 ds. for 1 IRC. (Wood). KFBS 9685 f/d cd. in 1 mo. for ms. (Renfrew-NY).

SINGAPORE: Radio Singapore 5052 f/d "Skyline" cd. in 125 ds. for 2 IRCs. (Wilkins).

SPAIN: REE 9630 via Toledo f/d cd. in 62 ds. (Loh). f/d "Castillo de Alcaniz" cd. w/ pennant in 2 mo. (Eckert). same f/d cd. in 6 wks. (Bowden). 11880 cd. in 6 wks. (Bowden). (Bishop-PHIL).

SRI LANKA: Deutsche Welle 7265 f/d cd. in 2 mo.

SUMATERA: RPDtk2 Simalungan 3316 f/d prepared cd. * in 87 ds. for an IN rpt. 350 watts. v/s H. Sim-bolon. (Kusalik). RPDtk2 Kotamadya 3290 personal ltr. in 96 ds. for an IN rpt. 500 watts. v/s Morgent Silalahi, Kepala. (Kusalik-ALB).

SWAZILAND: TWR 7295 f/d cd. in 1 mo. for 2 IRCs. (Renfrew-NY).

SWEDEN: Radio Sweden International 15345 f/d "EUXC-84" cd. in 15 ds. (Bear). f/d "Sea Otter" cd. in 4 wks. (Sales). 11785 f/d cd. in 6 wks. (Bowden).

SWITZERLAND: SRI 9725 f/d cd. in 43 ds. (Bear). 12035 p/d cd. in 6 wks. for 1 IRC. (Sales).

6135 f/d cd. in 6 wks. (Bowden). 17765, 15585, 15570, 12030, 17830, 11870 and 9535 f/d cd. in 7 wks. (Barto).

SYRIA: Radio Damascus f/d "Tower" cd. in 100 ds. v/s Alia Sharlati. (Kusalik).

TANGIER: VOA 6095 f/d cd. in 20 ds. (Wood).

UN Radio 15360 f/d cd. in 3 wks. (Barto).

TOGO: Radio Togo 5047 f/d "Map" cd. in 66 ds. for a FR rpt. and 3 IRCs. (Green-TN).

TURKEY: Voice of Turkey f/d cd. w/ pennant and sticker in 1 mo. (Renfrew).

UKRAINIAN SSR: Radio Kiev 7205 and 7195 f/d "Lenin" cd. in 90 ds. (Plum). 15240 f/d cd. in 92 ds. (Levison).

USA: WMLK 15110 n/d form ltr. in 11 ds. for * ms. v/s Elder Jacob O. Meyer. (Wilkins).

* personal ltr. in 12 ds. for ms. (Hardester). Radio Marti via VOA 11930 ltr. in 20 ds. v/s Fran Masterman, Management Assistant. (Kusalik). 9660 same in 19 ds. for SASE. v/s Thomas Warden, Deputy Chief for Technical Operations. (Sgrulletta). 6075 n/d ltr. in 28 ds. (Reinstein). same in 18 ds. (Hardester). 11815 n/d ltr. in 20 ds. (Paszkiwicz).

WINB 17730 f/d cd. in 17 ds. for ms. (Kremer). UN Radio 15650 via Greenville f/d cd. in 3 wks. (Barto). WRNO 11890 "DX Club Member" cd. in 3 wks. (Bowden). same in 22 ds. w/ sticker. (Henschen-TN). Voice of the OAS via Greenville 15160 f/d cd. in 9 ds. for ms. v/s Delia C. Levandoski. (Wilkins). WWV 2500, 10000 and 15000 f/d cd. in 10 ds. (Wilkins).

KGEI 15355 f/d cd. in 33 ds. for ms. v/s Jesus C. Elizondo. (Henschen). WYFR 17845 f/d cd. in 3 wks. (Bowden). 15215 f/d cd. in 1 mo. (Bowden). VOA 9670 via Greenville f/d cd. in 4 ds. (Wood). 11740 via Delano f/d cd. in 6 ds. (Wood-NY).

Dear Mr. William A. Mat. vs.

This verifies your reception report on the programs that you heard on December 14, 1980 from 21.30 to 21.41 GMT on 7420 kHz.

With best wishes,
RADIO MINSK

Radio Minsk
Reception Center
P.O. Box 4000
Minsk 220000
USSR

Radio Minsk
Reception Center
P.O. Box 4000
Minsk 220000
USSR



RADIO ATLANTICO DEL SUR

BRINGING TRUTH
TO THE FRONT

from the Craighead collection
also sent in by Tom Covaras

SCHEDULE

AM 5700 kHz 0630 - 0830 GMT
PM 9710 kHz 2300 - 0200 GMT

Radio Atlantico del Sur, P.O. Box 408, London, U.K.

USA: VOA 6040 via Dixon f/d cd. in 9 ds. for a SP rpt. (Wood). Voice of Free China 5985 f/d cd. in 34 ds. w/ pin, stick-er and pennant. v/s Irene Lin. (Eckert-PA). via WYFR...Sam. 5985 and 6065 same in 6 wks. for 3 IRCs. v/s Jade Lim. (Kusalik).

USA (Pirate): KROK 7430 f/d cd. in 77 ds. for ms. (Paszkiwicz-WI). 7436 f/d long pink cd. in 51 ds. 120 watts! (Reinstein-FL). KNBS 7430 f/d cd. in 5 wks. for ms. (Talbot). Radio Woodland International 7435 f/d "Chipmunk" cd. in 15 ds. for ms. (Turner). Secret Mountain Laboratory 7427 f/d "Antenna Tower" ltr. in 67 ds. via Hilo address for ms. 150 watts. (Reinstein). WYMN 7427 f/d ltr. in 65 ds. for ms. (Reinstein). Union City Radio 7440 f/d ltr. in 40 ds. for ms. (Cavaras-MN).

USSR: Radio Station Peace and Progress 11845 p/d green cd. in 41 ds. (Wood). Radio Moscow 15450 f/d cd. in 3 wks. (Bowden). 9680 "Mayakovskaya Square" cd. in 44 ds. (Levison). 15455 cd. in 1 mo. (Bowden).

VATICAN: Radio Vatican 9615 f/d cd. in 6 wks. for a SP rpt. (Bowden).

VENEZUELA: Radio Rumbos 9660 f/d "El Hato El Frio" cd. in 73 ds. for a SP rpt. and 2 IRCs. v/s Andres Serrano, YV5AUU. (Brouillette). 4970 f/d "Airport" cd. in 42 ds. for a SP rpt. and ms. (Henschen). Radio Tachira 4830 n/d cd. in 171 ds. for a SP rpt. and 1 IRC. v/s

* D. Gonzalez. (Henschen-TN). Radio Capital 4850 f/d "Logo" cd. w/ large sticker via registered mail in 51 ds. for a SP rpt. and ms. v/s Manuel Correa, Gerente. Address: Av. Francisco Miranda, Centro Comercial Los Ruices, 3 piso - Los Ruices, Caracas. (Wilkins-CO). Radio Frontera 4760 f/d cd. in 59 ds. for a SP rpt. v/s Modesto Marchena, Director Proprietario. (Barto-CT). WEST IRIAN: RRI Serui 4607 f/d prepared ltr. in 40 ds. for an IN rpt. and ms. v/s Steven Silubun, Station Head. (Kusalik).



NOTE: A get together of area DXers has been scheduled at my place for Sept. 15th (Sunday). *** Food will be provided. BYOB! You also have to supply the conversation! For further information, please write to me....Sam.

Ray Niekamp says that the QSLs are starting to dribble in. Not too fast but enough to keep up ones interest. Dave Hardin recently rejoined NASWA after a five year absence. This was after he ran across a Kenwood R-1000 in a pawn shop for \$35!!! It was in perfect shape! Some of us got it and some don't. Hi!...Sam. Pat Wood of Syracuse, NY. is going after some of the VOA sites for the NASWA Awards Program. Gayle Van Horn has relocated from Texas to Florida. Nice weather down that way.

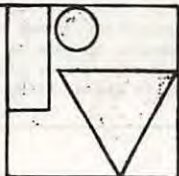
Also received very nice letters from Mike Hardester, Richard D'Angelo, Harold Levison, Ron Howard and James Young. Jim recently verified Radio Zanzibar. Total costs including cash, telephone call and postage came to approximately \$33.00!! I sure hope that doesn't occur on a regular basis. Till next time...

Your report on receiving our transmission on Feb. 3, 1970...
2303-2919...
on 11890... Khz has been checked and found to be correct.

Thank you for listening to us.
And please do write us again.

Sincerely yours,

Manila, Philippines



Happy listening!

God love you.

From

Radio Veritas





STATION PENNANTS OF THE WORLD

Over a year in the production stages! This basic four (4) volume publication contains listings of more than 1100 station pennants and over 700 illustrations from 122 countries. Each illustration is tastefully presented in a format that will make for hours of pleasurable reading. A very special introduction section identifies and categorizes pennants by type and variety. This section will be included with your initial order.

Each pennant (which has been assigned a code and number) is presented by country of origin. Every pennant is defined (where information is available) in terms of its construction material, size, and colors used in the border, background, design and lettering. Several one-of-a-kind, limited edition and very old station pennants are illustrated and documented.

This publication will arrive pre-punched for a standard three ring binder and with a heavy duty cover stock and backing. Since yearly updates will be issued, unbound editions would be more suitable for your library.

Volume II Sections SA-1 and SA-2 are now available for distribution. SA-1 covers Colombia, Ecuador, French Guiana, Galapagos, Peru, Surinam and Venezuela. SA-2 includes Argentina, Bolivia, Brasil, Chile, Paraguay and Uruguay. Each section may be ordered for \$3.95 or both for a total of \$7.00. Canadians please add \$1.00 for postage - overseas orders please add \$1.50 for surface or \$3.50 for airmail delivery. If not satisfied, money will be refunded!

If you have any station pennants in your DX den or interested in collecting them, this publication is a must. Send your orders to Station Pennants of the World, c/o Sam Barto, 47 Prospect Place, Bristol, CT. 06010 USA.

update

August 1985***Number 192

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

UPCOMING DEADLINES: 10 August (Mid-August) 20 August (September) 10 Sept (Mid-Sept)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT: freqs kHz.

Update did not appear in the July Frendx because no one sent reports. Sorry.

ECUADOR LV del Rio Carrizal, 3260, in SP 032-0403; fair in static. LA mx till 0330. Then apparent nx program and possible features of some sort to 0349. Then talk over background mx. Nice ID 0356 when static subsided. Back to mx 0400. (Richard D'Angelo, PA 7-7)

Radio Iris, 3380, in SP 0310-32; fair-good. Latin vocals, TC and ID by M 0318. Into more vocals by W. (D'Angelo, PA 7-7)

Radio Zaracay, 3395, in SP 0332-0350; good. Variety of Latin American vocals and fast instrumentals. ID, s/off annmts. (D'Angelo, PA 7-7)

INDIA AIR, 11620, in EG 2135-2218; fair-poor in fades. Radio play. ID: "General Overseas Service of All India Radio." Musical bridge to nx at 2200. Commentary 2215 concerning role of women. "You are tuned to the General Overseas Service of AIR." Then feature on running a house in India. (D'Angelo, PA 7-7)

AIR, Bombay (site per WRTH), tuned on 15265 at 1958 when heard with subcontinental string music. At 1959, "This is the General Overseas Service of All India Radio." This followed by listing of times and frequencies. This transmission is beamed to East Africa. Weak but uncharacteristically flutter-free. (Bob Hill, MA 7-9)

PAKISTAN Radio Pakistan was observed 7-4 using 15065 rather than scheduled 15595 for English beginning at 1100; announced parallel of 17660 was inaudible. Continued with slow-speed news. Fair level and surprisingly steady for a signal from that part of the world. (Hill, MA)

TUNISIA In addition to old faithful 7225, RTT has been using new 7280 in parallel since at least 7-3, when first noted around 2320 with severe co-channel QRM from a Soviet transmitter; all-Arabic programming. Fair strength, although not as strong as 7225. (Hill, MA)

UGANDA Radio Uganda, 5026, in EG 0404-19; fair. News by M 0410, "This news is coming to you from the Home Service of Radio Uganda, Kampala." At 0415, "End of the News." (D'Angelo, PA 7-7)

USA KCBI, Dallas, 11790, in EG 2006-2053; fair. Signature tune, "I've Been Working on the Railroad." ID at 2010: "This is KCBI, Dallas, conducting equipment tests. Reception reports may be sent to KCBI, Dallas, Texas 75221 USA." Instrumental mx and pauses between IDs/addresses. (D'Angelo, PA 7-7)

USSR Presumed R. Afghanistan relay found on 15255 at 0410 with Middle Eastern instrumentals and announcements in what seemed Pushto; many mentions of Pakistan and Islam (the latter rather surprising from a Communist-controlled station, I'd think). At 0430, time signal of three pips and higher-pitched pip, then continued. No firm ID copied. Signal varied from weak and unstable to fair and steady. Finally buried by RFE around 0500. (Hill, MA 7-10)

VENEZUELA Radio Rumbos, 9660, in SP 0134-52; good. Blend of ballads and fast vocals, announcements with doorbell/chime between annmts, IDs. Parallel 4970 (SIO 252 but static). At 0146 heard R. Marti ID under Venezuela but Rumbos dominant.

About all for this time. Send reports.

Best 73.



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

I GUESS IT'S GOODBYE!

I guess all good things must come to and, and it's time for me to bid my fond farewell. I've decided to step down as LR-"A" editor, but filling my shoes next month will be NASWA member Mike Harris. I met Mike at ANARC, and he is excited and enthusiastic about doing the column. Me, I plan to continue contributing to NASWA by penning an article or two, and will also support the log report sections. Hope you all give Mike tremendous support. Thanks alot for the letters and encouragement. 73!

- 3200 Libya, R. Jemahiriye; 0115, AR, polemics by OM speaker, many references to Libya, America and Iraq, AR instrumentals at 0123 plus OM choral ... (Jordan 6/12); 0113, AR, mx, chimes at 0115, ID, "Sawt ul-watan il-Arabi il-Kebir, sawt uth-thawrat ish-Sha'Abjyyeh," QRN (Dillon 6/8)
- 3205 Brazil, R. Ribierao Preto; 0319, PT, OM tx w/reverb mike, followed by Stevie Wonder's "I Just Called to Say I Love You," very poor lvl w/thunderstorm QRM (Daly, NY 7/7)
- 3220 Ecuador, HCJB; 0406, SP Regional Svc, occasional religious mx, good signal (Daly 7/7); 0907, Quechua, OM tx w/inst mx (Bobb)
- 3230 South Africa, RSA; 0409, comments in EG on statements made by African National Congress (Daly 7/7)
- 3260 Ecuador, La Voz de Rio Carrizal; SP, 0341, poor w/QRN, gone at 0446, no ID so tent. (Daly 7/7)
- 3270 Namibia, SWABC; 0349, poor w/UTE QRM, EG opera, also noted on 3295, which was quite good (Daly 7/7)
- 3280 Ecuador, LV del Napo; 1010, Quechua, varied mx, some relig., OM w/tx and prayer (Bobb, MN 7/1)
- 3285 Belize, R. Belize; 0446, EG, pop mx, chimes at 0459 and ID by OM, "This Is R. Belize, The Voice of Belize," followed by freq/time enmts, strong signal, best I've hrd them, lite CW QRM (Daly 7/7)
- 3300 Guatemala, TGNA; 1030, SP, OM w/prayer, ID, children's marching song, tx and vocal duet (Bobb 7/2) 0355, EG/SP, caught last 5 min. of EG bcst w/OM txing w/YL about her new found life with Christ, then EG sked and enmt that bcsts would continue in SP (Jordan); 0501, SP ID by OM, EZL mx (Daly 7/7)
- 3320 South Africa, SABC; 0450, AK, OM tx, weak (Daly 7/7)
- 3346 Zambia, Radio Zambia; 0420, unbelievable signal w/EG blues px w/OM host, many clear IDs, heard well past 0500 (Nikolich, IL); 0406, UNID, pop mx, YL host, good Afro nite (Daly 7/6) ** This sounds like Zambia to me, OM... mln.
- 3360 Guatemala, LV de Nahuata; 0120, long, small combo mx, sometimes

- w/marimba, OM w/tx (Bobb 6/29)
- 3381 Ecuador, R. Iris; 0435, SP/EG, OM w/DJ in SP, some U.S. pop and soul mx, full echo ID, NA and s/off at 0500 (Jordan 6/12)
- 3385 French Guiana, Cayenne; FR, IS, NA at 0901, opening anmts, EZL mx, //5055 (Alexander, PA 7/6)
- 3965 France, RFI; 0140, FR w/YL host, poor (Daly 6/20)
- 3985 W. Germany, R. Liberty via Biblis; 0125, Armenian, mx, world nx at 0130, then anthem, tx by OM, ID (Dillon 6/29)
- 3995 W. Germany, DW; 0201, GR, world nx, ID, ARO QRM (Dillon 6/29)
- 4000 Cameroon, R. Bafoussam; 0427, FR, xylophone IS, w/anmt, "Ici, Bafoussam ..." 0430, NA, s/on in FR/EG (Daly 6/16)
- 4459.6 Peru, R. Nor Andina, Celendin; 0008, clear/fair on this excellent deep LAm nite, long monolog by SP OM, fill mx and ID at 0019, primitive vocals (Krueger, FL 6/20)
- 4682 Bolivia, R. Paititi, Guayaramerin; 0208, presumed the one at low level w/SP OM; EZL and tropical vocals, flute solo 0229 and of or lost thereafter... no ID (Krueger, FL 6/20)
- 4696.9 Bolivia, R. Riberalta; presumed at 0220 w/SP OM tx, mx presented later. Signal being broke up by both RFI and QRN. Possible s/off at 0300 or complete f/out -- not certain (Bolland 6/27)
- 4732.1 Peru, R. San Juan de Coraz, Ancash; 0142, as w/Paititi, also presumed based on conditions and frequency readout. Clear/weak, gravel-voice SP YL, flutes, huayno 0145, OM then audio lost (Krueger 6/20)
- 4740 USSR, R. Afghanistan Relay; 0124, long, weak flute IS to 0127, martial mx and 0130 s/on, followed by Ici mx (Daly 6/18)
- 4750 Cameroon, R. Bertoue; 0435, FR, quick drum IS, followed by alternating EG/FR anmts, "This is R. Bertoue ... Ici, Bertoue," s/on at 0438 and followed by Ici mx... poor signal... noted OM w/FR tx at 0425 on same freq prior to Bertoue carrier -- possibly Zeire (Daly 6/22) ** I've noted the same here in Chicago... mln.
- 4753 Indonesia, RRI/Ujung Pandang; 0957, OM tx in IN at 1000, Quran after (Bolland 6/7)
- 4755 Brazil, R. Educacao Rural; 2310, PT OM w/tx and Brazilian mx, uncopyable ID at 2315, presumed (Bolland 6/9)
- 4755 Peru, R. Huanta 2000; 0929, SP OM w/tx and mx (Bolland 6/11)
- 4765 Cuba, Mayak relay; 1222, classical mx, fair signal (Daly 7/7)
- 4770 Venezuela, R. Mundial Bolivar; 0112, SP, ID, "Musica de R. Mundial Bolivar," by OM, LAm, lots of IDs (Dillon 6/9); 2330, SP, lively LA brass, percussion and vocal mx selections (Jordan 6/22)
- 4780t Djibouti, RTV Djibouti; 0328, AR, OM w/AR singing, weak under heavy ute QRM, LV de Carabobo off at 0300 tonite, no ID (Daly 7/8)
- 4783 Mali, R. Mali; 2332, FR, mx and OM tx (Bolland 6/9)
- 4790 Peru, R. Atlantida; 0335, SP, LA pop/rock w/OM DJ, ID by DJ, tC, only brief tx between selections (Dillon 6/22)
- 4795 Cameroon, R. Douala; presumed, 2237, FR, lots of QRM, but still noted subdued FR Afro tunes, fades pretty well by 2250, but mx is still audible (Bolland 6/10)
- 4797v Bolivia, R. Nueva America, La Paz; 0225, SP, lengthy string of snappy IDs, promos and ads, QTH refs and anmts by OM and YL w/freq. use of echo... (Jordan 6/25)

- 4800 Lesotho, R. Lesotho; 0300, long, NA, s/on and hymn mx, some het from R. Popular, but no UTE tonite (Daly 6/20)
- 4810 Gabon, Africe Number One; 0534, FR mx, OM DJ (Brann 6/27); 0502, slick commercially-done px w/smooth DJ and mixed mx bag of Afro highlife, LA-flavored pop, US funk, new wave and 70s, plus FR ballads, many IDs (Jordan 6/12); 0511, FR, OM w/Afro mx, soul and pop mx, nx by OM (Sharpe, CA 6/27)
- 4810 Peru, R. San Martin; 0356, SP, tent. ID by OM, then NA, 0401, left the air (Daly 7/6)
- 4815 Burkina Faso, RTV Burkina; *0528, long, IS, NA, OM w/Afro dialect and primitive tribal mx (Bobb 6/27) *0600, s/on in FR after balafon IS, drum beats and NA, clear ID by YL, into mx, ID by OM at 0615, logged at ANARC in hotel room on FRG-8800 (Nikolich 7/20) 2322-0000*, fair w/highlife and reggae, FR OM, cowbell-type IS, YL, "Ici Ouagadougou, Radiodiffusion Nationale (Burkina?)", into band NA, fair, thanks to Potter/Wilkner grapevine (Krueger 6/25); blend of EG and FR rock/pop, 0000* (D'Angelo, 6/18) ** Thanks for the kind words you sent the WDXC about me, Richard. min; 2320, fair w/Vern tx (Riges, IL 6/21); 0559, FR anmts (Paszkiwicz)+2
- 4820 Honduras, HRVC; 0318, EG OM w/gospel interpretation for use in everyday life (Daly 7/8)
- 4826.31 Peru, R. Sicuani; 0244, vy tent w/OM in SP w/rambling tx of religious nature, no clear IDs and no mx, LV de la Selva is lower than this, but I've not seen any logs of Sicuani w/exact frequency (Krueger 6/20)
- 4830 Costa Rica, R. Reloj; 0433, LAm, IDs by OM and YL (Brann 6/27); 0848, address given in EG (Kremer, SC 6/6); 1004, OM w/ID, mx and TCs (Bobb 6/30); 0640, OM, LAm (Sharpe 6/30)
- 4835 South Africa, SABC; 0455, EG, wx for S. Africa and adjacent areas, ID and world nx by OM (Sharpe 6/26)
- 4840 Venezuela, R. Valera; 0904, SP, t-in to NA, opening anmts, ID, LA mx (Alexander 7/6)
- 4845 Brazil, R. Nacional de Manaus; 0151, PT, nice selection of ballads and soft vocals until ID at 0201, followed by 4 minutes of news, into more vocals. Noted 0301* on 7/4 (D'Angelo 6/18)
- 4850 Costa Rica, R. Colombia; 1045, SP, OM w/tx, mx, excerpts, ads, ballads and many IDs (Bobb 7/1)
- 4874.8 Indonesia, RRI/Sorong; 1103, IN, YL tx, carrier strong, but audio was quite weak (Bolland 6/23); 1345, IN, usual Indo pop mx, poor level (Robertson, CA 6/27)
- 4876 Colombia, R. Super; 0527, OM and YL w/tx, phone cells, ID, good signal (Trotto, FL 6/24)
- 4880 Brazil, R. Difusora Acreana; 0940, PT, mx and tx (Bolland 6/28)
- 4880 South Africa, SABC; 0440, harmonia band mx, ID by OM in AK, RTTY QRM (Sharpe 6/27)
- 4885 Colombia, Ondas del Meta; 0928, TCs, 0942 off (Kremer 6/5)
- 4877v Colombia, R. Super; 0240, excited sports coverage by OM w/play-by-play and commentary by 2nd OM, presumed futbol... full echo ID later (Jordan 7/4)
- 4900 Ecuador, LV de Sesquisili; 0010, clear but weak, nondescript vocals, SP OM ID at 0021 (Krueger) ~~Thanks again Mike...~~



LOG REPORT

section B

4900 to 6199 kHz

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

- 4904 CHAD N'djamena, man with FR ID 0501 6-22, TC, sked, Afro drum mx, fair (Dillon-MD); tent. them 2320 6-22, R.Nacl IDs, choir, NA, 2325*; maybe Guinea? (Van Horn-FL).
- 4905 BRAZIL R. Araguaia, 0927 6-29, talk, Br.mx, many IDs, reverb mike, ads (Bolland-FL).
- 4910 ECUADOR Em.Gran Colombia, ads 0312 on 6-6, fast talking man, mx, fair sig (Brann).
- 4915 BRAZIL R. Anhanguera, fairly good 0306 6-25, ID, promo, ballads, EZL mx (Jordan); Br.ballads 0850 on 6-27, talk, fair-good sig (Bobb-MN); ID 0919 6-5, pops (Kremer-SC).
- 4915 BRAZIL Rdf. de Macapa, EZL mx 0225 6-24, nx 0300, couple of IDs, ballads, IDs at approx. 8-minute intervals; TCs, ads, poor sig, tough copy (Jordan).
- 4915 GHANA Accra, Afr choral mx 2225 6-9, nx 2245, fair (Bolland-FL); chorus 2305, ID, nx, fair 6-22, EG (Van Horn-FL); vernac. 0543 6-12, EG nx 0600, vernac. agn 0615(Hardeste-
- 4920 AUSTRALIA ABO-Brisbane, instr.mc 1054 6-22, pips, ID, ABC nx, poor(D'Angelo-PA). CA).
- 4920 ECUADOR R. Quito, fair 6-24 at 0215, ads, TC, ID, pop mx (Van Horn-FL).
- 4930 HAITI 4V:H, NA in progress 0858 7-3, hymn, ID, mx, talk, fair-good in hvy QRN (Bobb-MN); in SP with religious talk, poor signal, 1230 on 7-7 (Daly-NY).
- 4932 INDONESIA RRI-Surakarta, Indo pop vocals, poor sig at 1310 on 7-5 (Robertson-CA).
- 4935 BRAZIL R. Capixaba, talk 0953 6-29, TC, MoR mx, nx on hr, fades 1002, poor; also at 0945 7-5, mx with intros by man, poor signal, starting to deteriorate (Bolland-FL).
- 4942-45 UNID. Undoubtedly same as hrd by myself and John Kay on 4901v 5-17. EZL mx, PT annts by man, unable to ID, 0519-0551; slowly moved up to cover Colosal by 0551; hrd next day 2310 on 4943. Brazil, or maybe Angola? On 6-3. (Valko).
- 4965 BRAZIL R. Poti, EZL mx 0134 7-8, ID "Aqui R. Poti," good signal (Daly-NY).
- 4975 COLOMBIA Ondes del Orteguaa, talk 1020 6-28, ballads, fair-good (Bobb-MN).
- 4985 BRAZIL R. Brasil Central, ID 2230 6-22, continuous nx (Van Horn-FL); pres. them 2335 7-3, mx, talk, partial ID on hr (Bolland-FL); EG and LA mx 0550 6-23, IDs, good(Brann).
- 4995 USSR RMW, ticks 0017 6-26, long tone on minute, longer tone on half hr, //9995(Bolland-
- 5010 MADAGASCAR Tananarive, poor 0450 6-26, mx, nx 0520 in vernac/FR (Jordan). FL).
- 5010 PERU R. Eco, talk 0040 6-26, march mx 0045, more talk, poor (Bolland-FL); IDs 0327 6-25, ballads, ad string 0345, NA, 0355* (Jordan); OA mx 0958 6-25, TCs, ID, P-F (Bobb-MN).
- 5015 CLANDESTINE R. Truth, EG 0440 6-22, gal with story, EZL interludes, bird call IS at 0500*; very poor in very hvy QRN (Dillon-MD).
- 5020 ALBANIA Gjirokaster, NA 0300 7-7, s/on annts, good sig with some 5025 QRN, //5057 (Daly-NY); exotic instr. mx 0312 6-9, no talking but had to be them, //5057 (Jordan).
- 5020 SOLCOMON IS. Honiara, 0750 6-27, ads, ID, nx, GMT+11 TC, good copy to 0815(Hardeste-CA).
- 5025 CUBA R. Rebelde, 0250 with ID, talk, echo IDs, US pops, Cuban ballads, fair overall 6-9 (Jordan); 1018 6-24, nx, many TCs, pips 1030, nx, cmtry 1045, good* (Hardeste-CA).
- 5030 PERU R. Los Andes, 0515 7-5, strong with LA mx, talk, IDs, NA to 0542* (Alexander-PA).
- 5035 CFMT. AFR. REP. Bangui, hilife 2237-2302 6-15, ID, sked, NA, 2305*, F-G (Dillon-MD).
- 5039 SUDAN Omdurman, chants 0418 7-7, poor (Daly-NY); tent. 0400 7-1, orchestra s/on at 0400, AR annt by man, AR mx; no ID hrd, and very bad static, poor overall (Van Horn-FL).
- 5040 VENZUELA R. Maturin, SP mx 0350 6-23, spot IDs, full ID on hr, flute mx at 0420* (Jordan); male DJ 0415 6-24, MoR mx, no ID hrd so make it tent.; poor sig (Park-HI).
- 5045 BRAZIL R. Cultura do Para, EG ID 0140, also GR, request for ltrs, address (Alcorn-NJ).
- 5047 TOGO Lome, chime IS 0526 6-22, NA, FR ID, hymn, prayer, annts, good sig (Van Horn-FL); choppy fade-in 0532 6-26, Afro mx, FR nx 0535, more mx, some talk (Jordan).
- 5050 ECUADOR Jesus del Gran Poder, bells 0954, ID, TC 1000, choir, 6-5 (Kremer-SC).
- 5055 ECUADOR R. Catolica Nacional, 0135-0215 6-24, relig.talk, relig.mx, prayers, sermon, much static, some TCs; very poor, just a trace of sig by 0220 (Jordan).
- 5055 FR. GUIANA Cayenne, varied mx prgm 0215 6-9, FR intros, ID 0232; NA 0300, IS, 0302* (Jordan); fast-paced mx 0920 6-29, talk, F-G ir.fades (Bobb-MN); mx and talk 0923 6-26, maybe some ads; better than usual (Bolland-FL); tent. 0928 6-29, pops, some talk in FR, poor sig (Park-HI); jazz, little talk but FR 2319-0001 7-5, poor, tent. (Alexander-PA).
- 5065v ECUADOR R.Nacl. Progreso, nx 0305 6-27, ballads, echo ID, TC, promos, fair (Jordan).
- 512c PERU R. Mundo, Cuzco, carrier arnd 0000, audio at 0114 6-20, huaynos, flute duet of "El Condor Pasa," two clear R. Mundo mentions by man (Krueger-FL).
- 5565 CLANDESTINE R. 15 de Septiembre, 2345-2356* 6-30, talk, sirens, s/off with anthem, //7195 (Alexander-PA); excited talk 0421 6-25, machine gun fire (Kremer-SC).
- 5720 PERU R. San Miguel Archangel, San Miguel, Cajamarca, 0210-0345* 6-19, huaynos, ballads, ID with fgy and mb, closed with ID, "El Condor Pasa," carrier stayed to 0345. Also noted with good signal at 2355 next day (Krueger-FL).
- 5770 CHINA Fujian Front Stn, 0929 6-26, poor with gal, mx (Bolland-FL).

- 5802 PERU R. Frecuencia San Ignacio, San Ignacio, Cajamarca, 0048-0055, 0220, 6-20, fair-weak; vocals, man talking but no ID; rptd former R. Acunta xmtr, same fgy (Krueger-FL).
- 5875 SAUDI ARABIA BSKSA, Koran 0321, ID, relig. talk by man in AR, fair, utes (Dillon-MD).
- 5881 INDONESIA RRI-Pekenerbaru, Indo pop vocals 1330 7-5, fair-poor (Robertson-CA).
- 5900 SPAIN Madrid, EG nx 2205 6-9, sports roundup (Alcorn-NJ).
- 5910 BELGIUM BRT, EG 0030-0125 various dates, "R. World," "Musical Box," "Brussels Calling," "Belgium Today," fair-good (Carver-IN, Jordan, Swaringen-KC, Dillon-MD, Goodman-IA).
- 5945 AUSTRIA Vienna, poor in EG 0330-0357 6-18, NA Svc, nx, mx (Carver-IN).
- 5950 GUYANA GBC, EZL mx 0934 6-26, lottery, G. Airway ads, mx, poor signal (Bolland-FL).
- 5960 CANADA RCI, good 2330-0000 "World at 6" (Carver-IN); 0200-0230 "RCI Journal" (Dillon-MD).
- 5965 BRAZIL R. Guaiba, 0946 6-30, man talking, lively accordion mx, IDs, F-C (Bobb-MN).
- 5975 ENGLAND BBC WS, 2355 6-9 prgm on Celts, ID, pipe, TC, nx, "Nx Abt Britain" (Dillon-MD).
- 5985 USA VoFC over WYFR, 0100 6-30, nx, cmtry, slipped 3 minutes after silence (Dillon-MD); 0120 6-17, talk on agriculture, exc signal (Carver-IN).
- 5995 AUSTRALIA RA, fair 1135-1200 6-28, mx, sports roundup (Bonnet-IN).
- 6000 AUSTRIA Vienna, polkas and waltzes, ID, IS, 0045 6-5 (Goodman-IA); DX prgm 0145 6-24, Folk mx, ID, off 0155 (Van Horn-FL); good to 0355* 6-21, CM to 0330, then EG, //5945 v weak and QRMd (Jordan); good 0330 6-24, nx magazine prgm, mx, mailbag (Carver-IN).
- 6005 ASCENSION IS. BBC WS relay, nx 2201 6-29, ID, cmtry, fair sig, //6175 Antigua (Dillon-MD).
- 6005 CANADA CFCX-Montreal, 2300 6-30, discussion prgm (Hazel-NY).
- 6006 COSTA RICA R. Relejo, talks 0305 6-21, LA mx, interview, IDs, promos, P-F (Jordan).
- 6010 SOUTH AFRICA R. RSA, 0158 7-3, NA, EG s/on ID, TC, intl and Afro nx (Van Horn-FL); 0200-0230 7-3, poor signal, man with nx (Carver-IN).
- 6015 VATICAN Vatican Radio, fair in EG 0050-0110 6-18, talk on cardinals (Carver-IN).
- 6015 NICARAGUA Voice of Nicaragua, EG 0130-0200 6-1, rpt on Sandinista casualties, fair and clear (Bowden); EG and SF 0150-0300 6-21, SF 0200, much talk; also *0401-0500* 6-21 in EG, 6-note IS, usual anti-US talk, nx (Jordan).
- 6020 HOLLAND RI, EG 0130 6-12, "Images," "Dutch by Radio" (Kremer-SC); fair 0130-0225 6-28, nx, talk, "Media Network" DX prgm (Carver-IN); "Kewline" 0146 6-28 (Brann).
- 6025 BOLIVIA R. Illimani, man talking 0940 6-11, better than //4945; no mx (Bolland-FL).
- 6035 BRAZIL R. Globo, nx 0900 6-29, ID, promos, fair-good signal (Bobb-MN).
- 6035 COLOMBIA LV del Guaviare, good 2327 6-19, ads, ID (Krueger-FL); ads 0934 (Bolland-FL).
- 6040 ANTIGUA DW, nx EG 0100 6-30 (Carver-IN); VG in EG to NA, 0100-0150 6-15 (Bear-IL).
- 6045 LIBERIA VOA, good signal 2230-2300 7-5, nx, "Music USA" (Carver-IN).
- 6055 FRENCH GUIANA RFI-Montsinyre, abruptly or 0409 6-9, BBC-SF underneath; FR talk, then EG sked, ID, world nx headlines, very good signal (Jordan).
- 6055 ENGLAND BBC, 0340-0415* 6-9 in SP, //6110 & 6155 (fair), 9765 (QRM), 11820 (good) (Jordan).
- 6060 AUSTRALIA RA, nx 1500 7-2, "Aus Insight" (Sharpe-CA); "Talkback" 161C 6-22 (Park-HI).
- 6070 CANADA CFRX-Toronto, 1902 6-13, nx, mkt rpt, ad, wx, pops (Brouillette); 2210 6-13, mx, PSA, TC, traffic report, CFRX ID with this fgy at 2222 (D'Angelo-PA).
- 6075 USA R. Marti prgm of VOA, light mx 1020 on 6-30, ID, good sig (Bobb-MN); "Buenos Dias Cuba" 1059 6-4, nx headlines, "Aqui R. Marti," bridge to detailed nx (D'Angelo-PA).
- 6080 AUSTRALIA RA, "Australia Country Style" 0816 6-26, Fidgin ID, nx, //5995 (Park-HI).
- 6095 ECUADOR HCJB, poor in EG 0230-0300, "DX Party Line," 6-18 (Carver-IN).
- 6100 CUBA Havana here on NF, EG "Cuban Profile" at 0000 6-24, talk or tourist opportunities for Canadians (Feeley); nx 0003 6-6, UN Radio report, sports, mx, very strong (Brann); powerhouse sig 0420-0500 6-17, like a local, "The Cuban Story," history, mx, this //6090 (good), 6140 (also good) (Jordan).
- 6115 PIRATE R. Clandestine, 2120 6-16, army "ad," off-color mx (Alcorn-NJ).
- 6118 COLOMBIA LV del Llano, M&W with talk, IDs, mx, poor-fair; very early hour (Bobb-MN, on 6-26); 0336 6-26, llaneras, gave address, asked for lstrn mx requests, comments; canned full ID 0400, into "Musica de Buenos Aires," excerpts from lstrn mail (Brouillette).
- 6120 CANADA BBC relay, WS EG 0000 6-7, TC, ID, world nx, "Nx About Britain," fair (Dillon-MD).
- 6130 USA VOA, good in EG 0230-0243, "Worldwide Shortwave Spectrum" prgm (Carver-IN).
- 6135 SWITZERLAND SRI, good signal 0220 6-23, EG to LA with Swiss SW Merry-Go-Round (Carver-IN).
- 6140 COSTA RICA R. Impacto, rock 2350 6-15, SP ballads, talk, ID, good sig (Trotto-FL).
- 6140 CUBA Havana in EG 0230 on 7-1, fgy, ID, Cuban mx prgm, very good signal (Van Horn-FL).
- 6155 LIBYA Voice of the Great Arab Homeland, AR 2133-2200 6-15, anti-US drama, full ID 2145, talk on how Gaddafi kicked US out of Libya; fair, as is //989C (Dillon-MD).
- 6155 SINGAPORE R. Singapore, gal talking 1007-1030 6-12, some mx; fair (Bolland-FL).
- 6165 NETH. ANTILLES RN-Sonair, good in EG 0230-0325 6-17, "Happy Station" (Carver-IN).
- 6175 ANTIGUA BBC WS, very good with "Radio Newsreel" 0000 on 6-16 (Bear-IL); excellent with "Waveguide" DX prgm 0130 on 6-20, and "BBC Letterbox" at 0145 6-22 (Carver-IN).
- 6185 USA WRNC, mailbag 0415 on 6-20; 6-22, "Entertainment Coast to Coast" at 0350, Glenn Hauser's "world of Radio" at 0430, always an excellent signal (Carver-IN).
- 6188.6 I. IRIAN Tent. RRI-Nankwari (listed), 6-12, 0835-0910 with M&W annrcs, possibly Indonesian, EZL instrumentals (heavy on flutes), sore sub-continental mx; man talking across the hour with no ID, pipe, etc.; possible prayers, Koran at 0907; poor signal (Hardester-CA).
- 6195 ANTIGUA BBC WS, "wavelength" at 1115 on 6-11, fair, RTTY QRM from 6200 (Park-HI).



LOG REPORT

section C

6200 to 11699 kHz

Editor: Peter Drizhal, P.O. Box 2561, Silver Springs, MD 20902

ON THE WAVE this month:

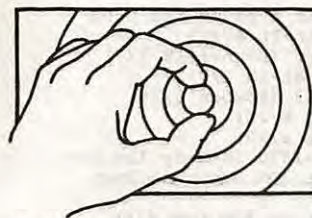
6281.4 is a new find from Peru, in the form of Radio Huayabamba, Mendoza (Krueger); logged by the same reporter was Australia's 8DR-Darwin on 6840 from 0859-0915... Thanks to Mike Agner's tip, PA's Alexander noted USSR's Mayak station on frequency 8125, 0125-0140... "Unid" station "Mum's the Word" played non-stop "weeping in one's beer" music on the Fourth of July, according to Bobb (MN), this on 7400 at 0045-0115... What's the "unid" at 7400? (not necessarily same as ibid.) A theme song used by LV de Chile International Service in the 70s may be a clue (Brouillette)... That was a sampler, and now the details...

- 6200 ALBANIA R.Tirana, 0330-0355 EG, p, NA svc (Carver-IN 6/18)
- 6214.4 CLAND R.15 de Septiembre, 0525-0552* SP, M tx, ID, s/off w/anthem //5565.3 (Alexander-PA 7/6)
- 6215 UNID possibly same as previous, 0420-0435 SP, Lvly LA pop w/prncd Bongo beat & xtd vocals; M&W ancrs w/quick alt tx folwng apx 2-3min mx segs; no ID, slogan, etc hrd (Jordan 5/26)
- 6249.8 EQUATORIAL GUINEA R.Nacional, Malabo, 0516-0537 SP, M&W vocal mx, poss ID by M at 0531: "...estan en..sintonia..transmite de Radio Nacional presente..para ustedes..a cuarenta y ocho metros.." By 0537 vrtly gone by fading; fr (Hardester-CA 6/8)
- 6281.4 PERU R.Huayabamba, Mendoza, 0310-0412 fr w/cumbias, SP M "Xmite R Huayabamba.." at 0357, flute fillers x-6272 (Krueger 6/24)
- 6323.6v PERU R.Estacion "C", 0056-0113 t/in to huaynos, ads, 0109 M: "Esta es R Estacion 'C'," varying up to 6323.8. 1st time I've heard "Radio" used in ID (Krueger 6/20)
- 6556.5 CLAND R.Venceremos, 0227-0250 SP, ID, M/W tx //3630.1 (Alexander 7/6)
- 6560.5 CLAND R.Venc. 0113-0137* SP M&W anx, fqt ment of R.Venc, R.Popular, & Juan Morales. Tx on C&S Amer. M vocal mx; s/off anxmt at 0135 & carrier off 0137. Pr (due msly to QRN) (Hardester-CA 6-11)
- 6668v CLAND LV de Alpha 66 *0059-0129* (Valko 6/27): fq fm 6665 to 6669 by s/off; 0114-0126* (Alexander-PA 7/6): fq to 6670 by s/off; S/on w/10 note bell IS, IDs, and sched, cmntrys. Bd FM'g, gd sig (Valko)
- 6761.9h ECUADOR R.Iris, 0104-0115, what I've been hearing here irreg. since Apr. (Cf. DXSF #84) is this, 2x3380.9, lggd//ths. nte. (Krueger 6/21)
- 6840 AUSTRALIA 8DR-Darwin (via VJY), 0859-0915 USB traffic pause, ABC theme mx, EG M wld & Aussie nx; 0910 NW Teritry nx, theme, back to utility traffic, entry in USB mode, gd (Krueger 6/27)
- 6910 IRELAND R.Dublin, 0115-0205 EG, pop mx, tx, ID 0159 (Alexander-PA 6/30) 0240-0252 EG mx, ID (Trotto-FL 6/17) 0452EG (Van Horn-FL 6/30)
- 7065 ALBANIA R.Tirana, 0000-0030 EG, fr sig, NA svc (Carver-IN 7/3)
- 7105 SPAIN REE 2230-2245 EG, ftr, mx, tx, sig gd (Trotto-FL 7/7)
- 7150 TAIWAN Central Broadcasting System, 1001-1008 CH W-tx //77250 & vy weak; poor (Bolland-FL 6/10)
- 7150 EGYPT V0t Arabs, 2349 AR Rel. discsn for Ramadan & other topics, TPS 0045 then nx, ID "Sawt Ul-Arab," Rel play (Dillon 6/8)
- 7160 ASCENSION ISLAND BBC Wld svc: Africa *0255-0303 EG, ID, wld nx 0300 (D'Angelo-PA 7/5) 0530-0546 EG, Old OM tx of Boer War, 0546 unceremoniously off the air (Sharpe-CA 6/29)
- 7160 MONACO TWR *0620- EG, gd sig w/s/on Mx Box IS, ID, 0625 opening anmts, rel pgm: "Revive Your Heart" (Alexander-PA 7/4)
- 7225 RWANDA DWelle 0400-0435, Swahili listed to 0430 when EG nx began & ID, cmtry //9565, 9765. Not Tunisia.F/P (Hardester-CA 6/20)
- 7245 LIBYA Vot Arab Wld 0125-0135 AR, M-tx(nx?), then marching mx, 0129 ID, gd sig (Trotto-FL 7/1) R.Jamahiriyah 2350-0120 AR, fnd //to 3200 at 0115 t/in; 2 OM into xtd tx, then dif M w/Polemical exhortations to responsive crowd, ments Libya, Arab, US (Jordan 6/11)
- 7250 TAIWAN Central Bcastg System 1001-1008 CH //7150 (Bolland-FL 6/10)
- 7265 LIBERIA VOA (Monrovia) 0548-0610 FR, OM, pop & rock mx, ID & wld nx by YL; ham QRM-SSB (Sharpe-CA 6/29)

- 7270 POLAND R.Polonia 2305 EG, Pol.mx (Alcorn-NJ 6/5)
2236-2300* EG, Rev.of Int'l Developments; pgm abt Pol.
pop mx scene; b'cast to Europe SIO 2+52+ (D'Angelo-PA
6/23) 2339-2355* EG, clasc mx pgm (Kremer-SC 6/15)
- 7275 SOUTH KOREA R.Korea, Seoul 1100-1130 EG (Bowden 6/1)
- 7285 WEST GERMANY DW, *0200-0215 EG IS, ID, nx; fr (Trotto-FL 6/17)
- 7300 ALBANIA RT //6200 *0330-0357* EG YL w/8min.nx seg. LBX
w/3 letters, press review (Jordan 6/15; also Brann 6/5)
- 7355 USA-PIRATE R.Clandestine 0302-0351 EG, novelty songs
(incl Classic Freddie Blassie's "Pencil Neck Geek") fake
ads, call-in spoof, vg sig till WYFR at 0351 (McLenore 7/1)
- 7355 USA-PIRATE 74-WKUE 0303-0326 EG, usu oldies f'mt w/expt
o/Glenn Frey's 12-inch remix of "The Heat is On," Laughing
Bill w/IDs, Hilo addr; nx that WMMN got busted(!?); g (McLenore 6/29)
- 7355 USA-PIRATE R.Morania 0324-0337* EG tnd-in to Moranian Ham
Shack fol'd by Mailbag hosted by O Hunter, 0327 ID as R.Morania's
External Svc; feat.on chocolate mining; Moranian national anthem,
good spoof material, SIO 343 to 222 (D'Angelo-PA 7/5)
- 7355 USA WRNO 0100 EG "Top 30 USA" contdown show (Hazel-NY 7/1)
- 7395 GREECE VoG 0330-0351* lang GK(?) //9420 (best) &9904
w/M&W vocal mx selections in (lang) to 0350 s/off ann by M. NO EG
nx rept in 0340-0350 time p'd --not on wkends? Fr. (Hardester-CA 6/30)
- 7400 UNIDENTIFIED "Mum's the Word" stn, 0045, Non-stop "weeping
in one's beer" mx; f-g, QRN (Bobb-MN 7/4)
- 7400 UNID. 0000-0200* (same as previous? -ed) continuous SP &EG
lang vocals + instr.mx; no ancmnts. This stn or oth.stn noted weakly
on fcgy as early as 2350; fr (Hardester-CA 6/12) 0146-0200* ...at
0158 abtly cut into a song in SP, instrumental harpoguitar theme
song that was used by LV de Chile International Service in mid-to-
late 70s. A clue to solving the mystery? (Brouillette 6/12)
- 7410 PIRATE R. Nova Int'l 0209-0247* Some oldies (Marley, Hendrix,
etc.), IDs w/Moorhead MN adr, contest anc by Monty Python. Other DJ
Sergeant Pepper. 1st B'cast. Per call from Jim Kay (Valko 6/23)
- 7410 USA? Voice of Tomorrow 2305 EG, 2307 ID, tune "Trans Europe
Express" Adr:VoT, Box 20039, Ferndale, MI 48220 (Alcorn-NJ 6/15)
- 7425 USA-PIRATE WMTV 0059-0147* EG Cpt.Megacycle w/new rk mx,
andc pho # 305-936-1010, adr c/o John, Box 1945 Delray Beach,
FL 33444; xcl sig (McLenore-FL 7/7) ...frequent IDs, still on at
0330 recheck (Rigas-IL 7/7)
- 7429v USA-PIRATE R.Nova Int'l 0035-0055 EG (see also 7410 -ed)
spoofs, Marley reggae mx; g sig w/ARO QRM (McLenore-FL 7/7)
0105-0115* EG fr w/mx by Black Sabbath, M.Python comedy (Rigas-IL 7/7)
- 7430 USA-PIRATE KROK 0200 usual program of rock oldies; also
Richard Pryor comedy skit (Rigas-IL 6/8)
- 7430 USA-PIRATE Zeppelin R.Worldwide 0103 EG rk mx, ID 0126* (Rigas-
IL 6/8) 0251-0259 EG GM beer-drinking mx, DJ w/Moorhead adr; g w/some
QRM (McLenore-FL 7/7) 0305 started fr but fade out soon (Rigas-IL 7/7)
- 7430.2v USA-PIRATE CMA-Clandestine VoMid-America 0337-0355 EG, rk
mx, IDs; reqtd repts to Pop Cmm magazine in HICKSVILLE, NY. Unstable
tx drifting downward to 7427 by tune-out (Alexander-PA 7/6)
- 7435 USA-PIRATE R.Woodland Int'l 2333-0006* Fr w/tx abt Nat'l
Parks. Mx was msly by Jethro Tull (Rigas-IL 6/9)
- 8125 USSR Mayak 0125-0140 Tnx from Mike Agner tip noted here pr
in t-storm static; clasc mx, tx, usu Mayak IS at 0129 (Alexander 6/24)
- 9515 MALTA IBRA R-N.Am. 2030-2115* EG rel. pgm (Kremer-SC 6/15)
- 9515 USA KGEI 2100-2130* EG ID, rel. pgm (Jordan 7/4)
- 9525 JAPAN RJ *0915-0925 JP, IS, ID, nx; jr (Trotto-FL 6/20)
- 9525 POLAND RP 0307-0335 EG nx to 0308, cmtry, "Panorama" w/tx
on mass transit, industrial modernization, clasc concert
season in Warsaw; vg (Brouillette 6/20; also Brann, Van Horn 7/1)
- 9535 FRANCE RFI 0331 nx ISO 555 (lang? -ed) (Brann 6/5) 0344-
0355 EG "early morn.nx best" 10-note organ IS 0355 (Brouillette 6/20)
- 9535 BONAIRE TWR 0357 (details please -ed) (Brann 6/13) 0400-0430
fr sig. NA svc; rel. drama "Unshackled" (Carver-IN 6/20)
- 9570 PHILIPPINES R.Veritas Asia 1500 EG, rel.cmtry.nx 1524 (Zilmer 6/29)
- 9570 S. KOREA R.Korea 1400-1430 EG Korea and Norway conducting negotia.
at Oslo for poss. purchase of oil equip; SIO 342 (Bowden 6/4)
- 9575 ITALY RAI 0100-0120 EG N.Am svc, nx pgm (Feeley 6/24, Carver)
- 9580 S. AFRICA RSA *2256-2305 SP, IS, ID, nx by M (Trotto-FL 6/23)

- 9585 IRAQ VotMasses 0554-0605 AR Hd Arabic type mx til 0602
then tx by M anc, poss ID; fair (Trotto-FL 6/30)
- 9590 HOLLAND RN NA svc 0233-0300 JP trade tx (Bonnet-IN 7/7)
- 9590 USA WYFR EG 1314-1345 EG rel.pgmng (Bonnet-IN 7/7)
- 9595 JAPAN RJ 0830-0900 JP, JP rock SIO 353 (Bowden 6/1)
0945-0951 JP M&W tx; poor (Bolland-FL 6/25)
- 9605 CZECH. RP 1730 EG nx and cmtry; 232 (Zilmer 6/29)
- 9611.7 INDONESIA RRI-Jayapura, presumed 0951-1030 IN Many IDs but
not understandable bec. of reverb. mike effect, QRM, After the hour
Indo pop mx; poor (Bolland-FL 6/25)
- 9615 VATICAN VR 2200 (Lang?) IS, ID, sched, rel. pgm (Van Horn 6/30)
- 9635 IRAQ VotMasses 1920-1935 AR W tx abt Iran-Iraq war, ID,
Criticism of Libya //9745 (Dillon-MD 6/29)
- 9640 NORWAY R.Norway 0055 EG ID, Anc o/test xmisns at 1000 & 1100
on 15205 for Far East and N. Id; at 1600 change from 11925 to 11985;
into NG at 0057 (Alcorn-NJ 5/30)
- 9645 VATICAN CITY VR 2004 EG intv w/ed o/Aussi Cath. n.x.ppr (Goodman 6/26)
- 9655 ECUADOR HCJB 0450-0500 GM, rel. hymn, tx, ID; gd (Trotto-FL 6/24)
- 9675.1 UNID. 0423-0455+ AR? Mx consist. o/simple drum bt, M chant.
GM chorus resping; W cmtry 0448 (Brouillette 6/20) 0640-0715
AR tx, mx, 0700 nx by M, no ID; sig fr (Trotto-FL 6/29)
- 9685 COLUMBIA R.Nacional 0320 SP, ID, folk mx, pgm on Colu. (Van Horn-FL 7/1)
- 9695 BRAZIL R.Rio Mar 1050-1100 PT M&W tx, ID, mx frgmts; p (Bobbb-MN 7/4)
- 9700 BULGARIA R.Sofia 2130 EG, IS ID and Int'l nx, Viewpoint
pgm; SIO 434 (Van Horn-FL 6/30; also Brann 6/19) Blg. mx
at 2040; interview w/guest conductor at clasc. mx. fest (Goodman)
- 9705 MEXICO R.Mexico Int'l 2329-2335 SP tx, mx 2332; fr (Trotto 6/23)
- 9715 DENMARK RD *2200-2205 EG/DAN. IS til 2200, ID in EG & DAN.
news, signal was good (Trotto-FL 7/3)
- 9715 ECUADOR HCJB 1141-1145 JP, ID, tx, mx; gd (Trotto-FL 6/14)
- 9725 SWITZERLAND SRI 0203-0210 EG Dateline-nx on Mx elections;
Lebanon (Swaringen-NC 6/9) 0230 in EG w/ID then into SP
(Hinnov 6/24) 0405 nx dateline, 0415 Swiss Merry-go-Rnd; gd (Hazel)
- 9730 EAST GERMANY RBI 2358*/*2400 EG, ID, IS, fq's; gd (Trotto-FL 6/23)
- 9740 CUBA RHC 0028-0100 EG Composers, artists and performers enjoy vy
gd reltns betw Cuba & US (Bowden 6/3, Carver-IN 6/30)
- 9740 PHILIPPINES R.Veritas Asia 2157 EG&KR fqs & time schedules
in EG, at 2200 into Korean //11725 (Zilmer 7/4)
- 9745 CAMEROON R.Yaounde 2103-2116 EG comp. nx b'cast, ID 2115
(D'Angelo-PA 6/27, also Goodman-IA 6/26) 2115+ EG Sports,
recap on nx hdlns, mx; ID: "This Younde..The National.." (Alcorn)
- 9770 EGYPT R.Cairo's- VotArabs 0310-0320 AR, Hd AR singing til
0316, ID, M tx; signal fair (Trotto-FL 6/30)
- 9780 SPAIN SFR 2235-2257 EG To Europe curnt events rept on econ
matters, rept on Basque mvmt, SP pop, SP lesson (D'Angelo 6/19,
also Paszkiewicz 6/26)
- 9800 FR. GUIANA RFI 0315-0330 EG, fqcy ann, nx, press review
//11995; good signal (Bear-IL 6/22, Daly-NY 7/3)
- 9835 HUNGARY R.Budapest 0100 EG, IS, ID, nx, cmtry, sports
(Hinnov 6/25) 0302 DX program; SIO 555 (Brann 6/5)
- 9840 KUWAIT RK 0239-0338 AR Ramadan Px w/Quran recital, ID at
0333 "Itha'at Ul-Qur'an Il-Karim Min Al-Kuwait;" fr (Dillon-MD 6/8)
- 9890 LIBYA VotGreat Arab Homeland 0130-0143 AR Qaddafi speech, ID:
"Sawt Ul-Watan Il-Arabi Il-Kebir, Sawt Uth-Thawrat Ish-sha' Abiyah"
(*phew* -ed) //3200 (Dillon-MD 6/8)
- 9925 USA? Secret Mountain Laboratory 0755-0802* EG good sig!
instrumental mx, ID, Adr: Box 5074, Hilo, HI (Alcorn-NJ 5/28)
- 9940 CLAND. LV del CID 0217 SP, nx, ID, live cmdy pgm (Hinnov 6/24)
- 9977 N. KOREA R.Pyongyang 1100-1130 EG nx: rept on progress
made on re-patriation negot. o/family members betw. N and
S. Korea, SIO 353 Fair, clear (Bowden 6/5)
- 10144v ECUADOR HCJB 0520-0650 mult-lang. //9870, 9655, 11835 to
0630; rel. pgm, mx (instr&vocal) SP to 0530, Nordic? to 0600
then GM to 0645 (only hd on 9655); the spur 10144 had FR +9870 +11835
were not audible; lots of Andes mx; good sigs (Jordan 6/21)
- 11600 CHINA RB 1500 EG nx; 222 (Zilmer 6/30)
- 11640T CLAND. R.Nejad-e-Iran (cf. Frendx 6/85, p.29) //15555; 0305-
0325* Farsi?, many ments of Iran, patriotic voc-0325 (Jordan 6/24)

Finally, I think I speak for all of NASWA's membership in wishing former C Editor
Dave Walcutt the best in his next endeavours. Till next. Good-day.



LOG REPORT

section D

11700 and above

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

- 11700 USA WRNO New Orleans in EG 2110, Calvary Bible Hour, g (Goodman IA 6/29)
11705 WEST GERMANY DW in EG with nx at 0504, g (Brann MO 6/27)
11720 USSR R. Kiev in EG 2335-0205, sports nx, political cmntry, //11790, 11960, 13605, and 15180 (Jordan PA 6/18, Dillon MD 6/29, Levison PA, 6/6)
11730 TUNISIA RTVT in AR 1350, home svc relay, nx, phone-ins, p (Dillon MD 6/8)
11765 USSR R. Moscow FF in EG 1810, "Newsreel", QRM, //11755, p (Park HI 6/14)
11775 SEYCHELLES FEBA in AR 0348-0431*, M singer w/accordion, relig tk, vg (Dillon 6/8)
11775 ANTIGUA BBC relay in EG *1056, ID 1059, world & local nx, f (Bobb MN 7/2)
11780 BRAZIL RN de Amazonia in PT 2258, Brazilian pops, ID 2300, f (D'Angelo PA 6/19)
11785 WEST GERMANY DW in PT 2230, mx, ID, nx, beam to Brazil (Hinnov NJ 6/25)
11790 USA KCBI Dallas testing 1830-2056 with relig pgm (McLemore FL 7/7, Harvester CA)
11800 AUSTRALIA RA in EG 1100-1200, beam to Japan, nx, f (D'Angelo 6/4, Zilmer NM 6/14)
11800 ITALY RAI into FR 0120, IS, non-stop classical mx, g (Jordan PA 6/23)
11815 LIBYA R. Jamahariyah in EG 2200, ID, anti-US pgm (Hinnov) in AR 0143 (Dillon 6/8)
11818 CLANDESTINE V of Turkish Communist Party in TK 0155, IS, ID, nx (Paszkiwicz WI)
11830 LIBERIA ELWA in EG 0712, religious tlk (Feeley GA 6/30)
11830 NORTH KOREA R. Pyongyang in EG 0830, cmntry on conditions in NK (Bowden CA 6/3)
11855 BRAZIL R. Aparecida in PT 0030, tlks, old ballads, f-p (Bobb MN 6/29)
11870 USSR R. Moscow FE in CH 0832, IS, ID, mx, //11730, jamming, p (Park HI 6/19)
11880t USSR R. Peace & Progress in EG 1530, vp sig, poss ID, heavy QRM (Jordan PA 6/22)
11890 SPAIN REE in SP 2040, tlks, EZL mx, ID, f-p (Bobb MN 6/28)
11900 SOUTH AFRICA RSA in EG 2100, nx to Europe (Green TN 7/7)
11915 USSR R. Moscow FE in JP 1058, ID, freqs & skeds, //11785 (Park HI 6/16)
11938 KAMPUCHEA VOKP in EG 1200, IS, ID, nx, cmnts w/mx, into FR 1215 (Zilmer NM 7/3)
11955 OMAN BBC relay in EG, "My Music" pgm, p (Plum NJ 6/23)
11955 CANADA RCI in EG 1430, "Sunday Morning" pgm, g (Carver IN 6/23)
11960 NEW ZEALAND RNZ in EG 0540, ID, nx, f-g (Van Horn FL 6/22)
11975 CLANDESTINE V of the Libyan People in AR 1800-2000, AR vocals, siren and whop-whop jammer, chants, firey speeches. This station reactivated via Egypt, ex-Sudan 1800-2000 & 0400-0600 per G. Hauser (Krueger FL 6/23, Jordan PA /23)
11990 CZECHOSLOVAKIA R. Prague in EG 0100-0200, nx, cmntry, Bohemian folk mx (Bear IL, Brouillette IL, Levison PA, Brann MO) in SP 0425-0457*, band mx (Jordan PA 6/23)
12035 SWITZERLAND SRI in IT 0055, accordion mx, ID and address, into SP for LA at 0100 (Brouillette IL 6/15) in EG 0400, "Great Saturday Grapevine" (Bear IL 6/17)
12050 EGYPT R. Cairo in AR 2200, drama, ID, AR mx, nx, vg (Dillon MD 6/22)
also in AR 1833-1915, prayer chants, AR instrumental mx, ID (Jordan PA 6/16)
13700 IRAQ R. Baghdad in AR 2120, prayer chants, mid-east mx, ID, nx (Jordan PA 6/7)
also in AR 1832-1915, AR mx, ID, tlk about problems in Libya (Dillon MD 6/15)
13705 USSR R. Moscow in EG 1545, "Russian by Radio", various melodies (Alcorn NJ 6/16)
13740 USSR R. Moscow in RS 1655-1740, nx, tlks, classical & opera mx (Jordan PA 6/14)
15100 CHINA R. Beijing in SP 2315, folk mx, QRM co-channel, p (Park HI 6/19)
15115 VATICAN STATE VR in SP 1400, IS, ID, bells (Hinnov NJ 6/21)
15120 POLAND R. Polonia in EG 0200-0254, "Panorama", sports nx, vg (McLemore FL 6/19)
15130 USA WYFR relay of V of Free China in CH 0007-0016, nx (Brouillette IL 7/6)
15150 NEW ZEALAND RNZ in EG 1956, TC, tlks, p (Park HI 6/18) 0350 in EG w/mx, TC, ID's QRM from WMLK (Brann MO) also in EG 0400, mx, London Philharmonic (Bonnet IN)
15155 BRAZIL Radiobras in SP or GM? 1914, mx, brief tlks, heavy QRM (Park HI 6/20)
15165 CHINA R. Beijing in EG 1400, nx, f (Zilmer NM 6/30)
15170 TAHITI Papeete in FR/Tahitian 0230-0600, phone-ins, beautiful South Seas mx, rock mx, DJ format (Paszkiwicz WI, Bonnet IN, Sharpe CA, Brann MO, Van Horn FL)
15175 USSR R. Rodina in RS *1300, IS, ID, tlks, nx, g (Trotto FL 7/7)
15175nf PAKISTAN RP in EG 0235-0245*, dictation nx incl items on Bangladesh flood, TWA 847 hi-jack, ID, f-g (McLemore FL 6/18)
15180 UNITED KINGDOM BBC in AR 1310-1330, world nx, ID, jamming (Dillon MD 6/15)
15190 NO. MARIANAS KVOI Saipan in EG 0530-0600, super-rock, ads, f (Bowden CA 6/4)
15200 GABON Africa No. 1 in FR 0610-0645, Afro vocals, drums, tlk, nx (Jordan PA 6/26)
15235 JAPAN RJ in EG 0640, cmntry on education (Levison PA 6/19)
15240 AUSTRALIA RA in EG 0300-0330, nx, sports info, vocals (Bonnet IN, Zilmer NM)
15245 SWEDEN RSI in EG 1400, IS, ID, nx, mx, mailbag pgm (Hinnov NJ 6/24)
15250 PHILIPPINES UN Radio relay in EG 1012, features, het QRM, p (Park HI 6/29)

- 15260 CANADA RCI in EG 1805-1911, SWL Digest, mailbag (Carver IN 6/16, Brann MO 6/4)
- 15265 NORWAY RNI in EG 2000, "Norway Today" (Green TN 7/7)
- 15270 ECUADOR HCJB in EG 1908-1918, story, ID, tlk, //17790, 21477, f (Trotto FL 6/24)
- 15280 SINGAPORE BBC relay in EG 1030, detective serial, QRM, f (Park HI 7/2)
- 15280 UNITED KINGDOM BBC in EG 0930-1000, rpt on Grand Prix races, f (Bowden CA 6/2)
- 15310 OMAN BBC relay in EG 1424, live cricket cmntry, QRM, f (Park HI 6/8)
- 15325 CANADA RCI in EG 1935-1958, European svce, SWL Digest pgm, exc (Carver IN 6/22)
- 15330 MOROCCO RTVM in AR 2002-2059*, live concert, list of names, //15335 (Dillon MD)
- 15335 ROMANIA R. Bucharest in EG 1500, nx, cmntry, f (Zilmer NM 6/15)
- 15340 CUBA RHC in SP 0101, ID, La Semana en Cuba, hum, f (Goodman IA 6/10)
- 15345 ARGENTINA RAE in EG 1210-1239, pgm re human rights, mx, sports nx (Bonnet IN 7/5)
- 15395 AUSTRALIA RA in EG 0345-0530, nx, sports, mx (Carver IN 6/22, Bonnet IN 6/21)
- 15425 SRI LANKA SLBC in EG 0100, "Morning Show", birthday dedications (Alcorn NJ 6/14)
- 15425 AUSTRALIA ABC Perth in EG 0705, W DJ, mx, TC's, ID's, f (Brann MO 6/23)
- 15475 GABON Africa No. 1 in FR 1918, very excited DJ, ID, mx (Park HI 6/11)
- 15520 CHINA R. Beijing in EG 2359-0056, IS, ID, nx, features, oriental mx, N Am svce (Van Horn FL 7/3, Dillon MD 6/30, Bear IL 6/21, Levison PA 6/19)
- 15550 USSR R. Moscow in FR 1730-1830, GS xmsn to Africa, breezy tlks, pop mx, lang lesson, IS, ID, freqs, nx, //12020, 11870, 13660 (Jordan PA 6/16)
- 15585 ISRAEL Kol Israel in EG 2130-2200, N Am svce, nx, mailbag (Carver IN 6/16)
- 15590 BELGIUM BRT in EG 1345-1355, features, ID (Levison PA 7/5, Hinnov NJ 6/24)
- 17565 GREECE VOG in EG 1524-1548, continuous mx, ID, nx, //15630 (D'Angelo PA 7/5)
- 17605 NETHERLANDS RN in EG 1855, ID, "Afro Scene" (Hinnov NJ 6/26)
- 17695 UNITED KINGDOM BBC in RS 1635-1642, tlks by M and W, ID's (Trotto FL 6/14)
- 17700 EAST GERMANY RFI in EG 1245, xmsn to SE Asia, cmntry on arms race, g (Plum NJ)
- 17705nfr NETHERLANDS RN in EG 0200-0235, pgm on transportation, ID, mx (Dillon MD 6/9)
- 17720 FRANCE RFI in FR 1237-1243, ID, long tlk, nx?, g (Trotto FL 6/14)
- 17730 USA WINB Red Lion, Pa. in EG 1600-1705, relig mx and tlks, ID's (Carver IN 6/23, Kremer SC 6/13, Jordan PA 6/23)
- 17745 PAKISTAN RP in Gujarati? 0358, IS, anthem, ID, Qu'ran reading, f (Park HI 7/4)
- 17770 IRAQ V of the Broad Masses in AR 1948-2000, AR mx, tlk, ID, f (Trotto FL 6/24)
- 17790 ECUADOR HCJB in EG 2132, "DXPL" w/some tech difficulties, QRM, p (Park HI 6/17) also in GM 2115-2130, tlk, vocal duet, relig sermon, f (Bobb MN 6/26)
- 17800 FINLAND FBC in EG 1200-1224, tlk on literature & writers, g (Bonnet IN 6/24)
- 17820 PHILIPPINES VOA relay in EG 2322, "Newline", cmntry, f (Park HI 7/3)
- 17825 SRI LANKA DW relay in CH *1245, IS, ID, tlk, nx?, f (Trotto FL 6/14)
- 17825nfr AUSTRALIA RA in FR *0300-0315, IS, mx, ID, xmsn to Africa, p (Jordan PA 7/4)
- 17840 CZECHOSLOVAKIA R. Prague in FR 1912-1920, tlk, ID, mx, f (Trotto FL 6/15)
- 17845 WEST GERMANY DW in GM 1255-1300, DX pgm, ID, IS, nx, g (Trotto FL 6/14)
- 17850 SRI LANKA SLBC in EG 1050, Louis Armstrong mx, QRM, p (Park HI 7/2)
- 17865 VATICAN STATE VR IN SP *1400-1405, bells IS, ID, tlk, g (Trotto FL 7/7)
- 17880 UNITED KINGDOM BBC in EG 1630-1700, medical pgm, "The World Today" (Bonnet IN)
- 21460 BELGIUM RTBF in FR 1225-1305, xmsn to Africa, mx, interview, TC, ID (Dillon MD)
- 21490 ASCENSION IS. VOA relay in SP 1235-1300, nx, ID, mx, xmsn to L Am, f (Dillon MD)
- 21540 EAST GERMANY RFI in EG 1310, "Newsreel of the Socialist World", ID (Hinnov NJ)
- 21550 GABON R. Japan relay in JP 1605-1615, nx, ID, tlk, g (Trotto FL 6/14)
- 21600 WEST GERMANY DW in FR 1335-1340, tlk, ID, nx on Helmut Krole, g (Trotto FL 6/14)
- 21630 UNITED KINGDOM BBC in AR, ID, pop mx, TC, world nx, AR mx (Dillon MD, Trotto FL)
- 21640 UNITED KINGDOM BBC in Hausa 1350-1355, nx, ID in lang, p (Trotto FL 6/14)
- 21640 JAPAN RJ in EG 0236, "Let's Learn Japanese", //21610, f (Park HI 6/16)
- 21685 NETHERLANDS ANTILLES RN relay in EG 1830-1925, Afr svce, nx, DX pgm, "Media Net Work", exc (Carver IN 7/4)
- 21695 UNITED ARAB EMIRATES R. Dubai in AR 1240-1315, phone interviews, AR mx, time pips, ID, nx (Dillon MD) in EG 1355-1400, feature about a prophet, g (Trotto FL)
- 21730 WEST GERMANY R. Liberty in RS 1457-1505, tlk, IS, ID "R. Svoboda", f (Trotto FL)
- 21770 SWITZERLAND SRI in Romansch *1515-1520, IS, ID in EG, nx, g (Trotto FL 6/14)

271 loggings received this month (a slight drop from July). Many were repeats of items listed in last month's FRENDS and thus were not repeated here. Please refer to the July issue for a comprehensive update of the Log D section. To those contributors who took the trouble to arrange their loggings in frequency order and band them together, I send my special thanks since this procedure greatly speeds the sorting process (which is no fun especially during the Summer months). Also be sure to include the time of the logging in GMT. I did not include a couple this month where this info was omitted since the report is mostly valueless without this. Best regards to all contributing members. WCT

LOG **FRENDX** REPORTERS

John Benault, 55 Lincoln Street, Abington, MA 02351

FRENDX CONTRIBUTORS LIST - AUGUST, 1985 ISSUE

Sam ALCORN, Maplewood, NJ. (ICF6500W/DX200): Brian ALEXANDER, Mechanicsburg, PA.; Michael BEAR, Warren, IL.; Norman BOBB, Minncapolis, MN. (R1000): Charles BOLAND, Lake Worth, FL. (R-71A): Arthur BONNET, W. Lafayette, IN. (DX400): Ralph BOWDEN, Mentone, CA. (FRG7700): Dustin BRANN, Kansas City, MO. (ICF2002): John CARVER Jr., Bringham, IN. (DX302/DX400/SX160/SX190): Richard D'ANGELO, Wyomissing, PA. (R70): Tom DALY, Pomona, NY. (CR2021/NRD515) Peter DILLON, Columbia, MD. (DX400): Jim FEELEY, Norcross, GA. (R2000): Joel GOODMAN, Stanwood, IA. (R390): Jerry GREEN, Maryville, TN. (FRG7700): Mike HARDESTER, Modesto, CA. (R1000): Pedro HAZEL, New York, NY. (ICF2001): Erik HINNOV, Bridgewater, NJ. (DX66): Rufus JORDAN, Pittsburg, PA. (Zenith Trans. DX302): Joe KREMER, Columbia, SC. (ICF6500W/DX300): Terry KRUEGER, Largo, FL. (R70/ICF2001): Harold LEVISON, Philadelphia, PA. (R70): Travis McLEMORE, Clearwater, FL. (FRG7): Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515): William PLUM, Flemington, NJ. (FRG7700): Christos RIGAS, Chicago, IL. (R2000/ICF2002): Lin ROBERTSON, San Diego, CA. (R70): Bryan SHARPE, Castro Valley, CA. (DX302): David SWARINGEN, Huntersville, NC. (R70): Ron TROTTO, St. Cloud, FL. (CR2021): David VALKO, Donlo, PA. (R388/FRG7): Gayle VAN HORN, Orange Park, FL.; Robert ZILMER, Rio Rancho, NM. (R1000).

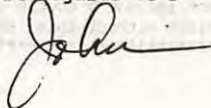
Here we are at the end of another Productive month, 34 Contributors in all, A couple of new names in the print and of course the monthly faithfuls are again in attendance, to one and all, THANK YOU.

This month it seems that the Higher Freq.s are opening up somewhat; however some of our neighbors in the Northwest are still finding band conditions difficult at best. At the present time the temp. in my shack is 90 degrees with 100% humidity and although I'm not a lover of the Winters ICE & SNOW, a COOL front sure would be a welcome relief hihi.

I must appologise to a couple of Contributors for being slow with replies to their letters and questions, be assured, I will answer, however at the present time the workload at the Police Dept. I work for, is very heavy, Lots of Overtime money being made means time is at a PREMIUM. At least I can look forward to some new SW Gear after our busy times pass.

That is about if from here for another month, looking forward to your loggings for the SEPTEMBER issue. Good Listening and I hope you get the elusive DX stations you may be after.

Best Regards-73's



HAP BID ITEMS: ITEM #54:CKSA flair station pen,B&W.#55:CKSA plastic ID card,m/c-nice:#56:5DN(Australia)sticker(2.5x7")blue,white.#57:CFGN "Logo" T-Shirt(XL)blue,yellow.#58:LWCA bulletins 1984 complete set.#59:2NZ (Australia)sticker(3x9")red,white,blue.#60:2NZ station sticker(2x9")B&W, green.#61:2ZG(New Zealand)sticker(2.5x6")red,white,blue.#62:WLOL T-Shirt (S-M)m/c-very beautiful:#63:CBX Radio T-Shirt(S)blue,white.#64:CKRY cloth hat,black,yellow-beautiful:#65:CHQT station booklet-very interesting.#66: 6WF(Australia)XL plastic litter bag,orange,B&W.#67:4XD Dunedin Radio(New Zealand)sticker(2x8")blue,white,orange.#68:Radio Caroline(New Zealand) sticker(2.5x6")m/c-very colorful:#69:4XO(New Zealand)station sticker(2.5 x12")yellow,blue.#70:Voice of Turkey cloth pennant(4.5x8")m/c.#71:RFI cloth pennant(4x8")blue,white.#72:Radio Korea decal(4"cir)m/c.#73:Idaho Broadcasting Guide for 1985 25 pages of info on stations in this State. #74:Radio Citta Futura(Italy)plastic pennant(4x8.5")red,black-nice:#75: Deutschlandfunk(FRG)plastic pennant(5x8")m/c.#76:Voice of Turkey cloth pennant(7.5x12")m/c-beauty:#77:Radio RSA cloth pennant(5.5x10")m/c.#78: Radio San Sebastian(Spain)paper pennant(4x6")blue,B&W.#79:REE(Spain)cloth pennant(5x8")m/c.#80:Deutsche Welle cloth pennant(6x13.5")blue,white. #81:Springbok Radio(South Africa)cloth pennant(6.5x12.5")yellow,green. #82:EBRA Radio cloth pennant(5x8")m/c-nice:#83:CBC-Northern Service vinal pennant(3.5x8.5")blue,white.#84:Radio Nederland cloth pennant(7x10")red, blue,white - rare:#85:Radio Korea cloth pennant(3.5x8.5")green,white.#86: Radio Sweden cloth pennant(3.5x9")blue,yellow.#87:Radio Bucharest cloth pennant(4.5x7")red,white,orange.#88:Radio Excelsior(Argentina)cloth pennant(4.5x10")blue,white,gold-very nice:#89:Radio Splendid(Argentina)cloth pennant(3.5x7")gold,blue-rare:#90:Radio Praha cloth pennant(4x7")m/c.#91: CBC-Northern Quebec Service vinal service(4.5x8")blue,white.#92:RAI cloth pennant(6x11")m/c-older variety:#93:Radio Bremen(FRG)vinal pennant(6x8") blue,white.#94:Emisora Gran Colombia(Ecuador)XL station pennant(8x11.5") m/c-very beautiful:#95:HRVC cloth pennant(6x10.5")blue,B&W.#96:Radio Ver- las cloth pennant(4x7.5")yellow,B&W.#97:Radio Moscow cloth pennant(3x 5.5")red,white,blue.#98:Radio Veritas cloth pennant(3x5.5")blue,white. #99:Radio Baghdad International vinal pennant(6.5x7.5")m/c-nice:#100:SWF Radio(FRG)sticker(4"cir)m/c-beautiful:#101:Radio Cadena Espanola metal badge(1.5"cir)yellow,black.#102:CHQM station pen,yellow,black.#103:CHQMFM station pen,black,brown.#104:CJAT station pen,silver,B&W.#105:KAZM station pencil,black,gold.#106:Radio Beijing XL litter bag,red,white.#107:WYWI (Virgin Islands)sticker(3x5")blue,white.#108:SWF Radio(FRG)sticker,odd shaped,m/c-nice:#109:Radio Mallorca (Balearic Islands)sticker(6x6")yellow, black.#110:Radio Vatikan sticker in German(3x5")red,B&W.#111:ORF sticker in Spanish(4x5.5")red,B&W.#112:Radio Earth sticker(3x12")B&W.#113:CFPR sticker(4x12")red,white.#114:KBIF sticker(3.5x11")blue,white.#115:Radio Forth (Scotland)coaster(4x4")orange,B&W.

DIRECT SALE ITEMS: The following stickers are \$.25 each or any 5 for \$1.00: CJCA,CIRK (large) (small),CKSA,KHCB,CFGN,CBC,CKRY,CHQT,6WF,WIIZ,WXQR (large) (small),2ZW,KEES,KUHFKSEI,KEGG,KKYX,KQUP,WYXX,KNPA (large) (small),KSYD, FM-105,96-rock,ANARC (large) (small),KSBJ,KNET,WQMR,WABD,WHYL,WAAX,KROY, WWSQ,KPSO,KEY-103,WLUP (cir) (large) (small),KITS (large) (small),96-FM,WAPE, KBUC,WFKB,KOA,KVPR,WCAU,KLOL,Q-107,WNOR,KYYX,KNAL,KGRI,FM-99,WTIC,KORA, KVWC,KXTC,WIRJ,KIVI,KNOK,KLAR,KTIM,WPLJ (rock) (John) (Prince) (Lewis),KLOS, KPFT,KKBQ,WLKF,KERV,KXYL,KIKR,KTRH,KDHN,KRQR,WNBC,WLS,KCFM,WQYK (large) (small),WHGR,TV-20,KLVL,WBWA,K-94,KGOL,102-FM,WAQY,KMJK,KNEL,KFAN,KWRW, KNAF,KTRN,WVFM,KRYS,KWED,KPKX,KRBA,KVLL,KIRG,KNIN (large) (small),MTV,WXLP, KBAT,KVWC94-FMX,KSAN,KRVL,KASE,KVET,WONE,CKBW,RCI,CKEG,CFNB,CFCB (yellow) (blue),6JWW,CFRA,CKCK,CKKR,CJVI (cir) (hockey) (marine),CFAX,CKSA,CKND,CFCY, CJCA,CKLG,CJAT,CKOM,CFTI,CKIK,CKY,CKNL,4XD,Radio West,4MK,2WD,Radio Hall- am,Radio Medway,2CH,2YB,KALN,Radio Bristol,RTE Radio 2 (cir) (tri) (large), Radio Nottingham,RFI,Radio Devon,4XO,VOFC,Radio Vatican (small) (large), Mercia Sound,Radio Evangile,ORF,World Music Radio,WCY,DJ-TV,SRI,Radio Monte Carlo,Radio El Mundo,RTE,BRT,Deutsche Welle (red) (blue),WDR (rock) (TV) Radio Peking (black) (blue) (green) (gold),Metro Radio,Radio 210,Radio Forth, Radio More Music,2ZW,Radio Budapest (small) (red) (blue),Telecom,BBC Radio 2, Radio Highland,BBC-WS,ERF,Radio 270,Radio Bare,Radio Merseyside,Capital Milano (blue) (red),Radio Bucharest,PJC,Radio Reporter,Radio Luna (Yellow) (green),RDP (gold) (white),SER,TV-3,Radio Polonia,Radio Trent,RBI (white) (blue).

ADDRESS: Send your bids and orders for direct sale items to: Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA.

PLEASE NOTE: All of our fund raising efforts are done strictly on a volunteer basis. We are not a member of or an official of HAP-USA, Inc. All monies raised are distributed on a pro-rated basis to HAP-Oceania (Arthur Cushen), HAP-UK (Simon Spanswick), CHAP (Ian McFarland) and the IRF Program (ADDX) in Germany. At times we also assist HAP-India and HAP-Australia. I hope this may clear up any questions in our distribution process...Sam.

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