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 AMARCON '86
 JULY 18-20, 1986
 CONVENTION FOR RADIO
 NETWORKING ENTRE-NAUTS

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 APR 25, 1986
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FRENDX
 TIME & FREQUENCY SCHEDULES

 RADIO JAPAN

FRENDX

 A magazine for the world of Radio - broadcast information & programs schedules for 1986-1987

FRENDX

 Electronic equipment

FRENDX

 Gene S. Beizer
 1986 AMARC
 North American QSL of the Year

RAY BRIEM SHOW//ABC TALKRADIO

3RD ANNUAL "D X SPECIAL"--SATURDAY JANUARY 10, 1987--0806 UTC

HERE'S YOUR CHANCE TO PLUG YOUR FAVORITE CLUB AND AIR YOUR FAVORITE DX-RELATED TOPIC ON NATIONAL RADIO! OUR IN-STUDIO GUESTS WILL BE PAUL SWEARINGEN, "MONITORING TIMES" COLUMNIST AND "MUSINGS" EDITOR FOR THE NATIONAL RADIO CLUB--AND STEWART MACKENZIE, PRESIDENT OF THE AMERICAN SHORTWAVE LISTENERS' CLUB---JOINING US BY PHONE ARE BOB GROVE PUBLISHER OF "MONITORING TIMES", AND DR. BRUCE ELVING, PUBLISHER OF THE "FM ATLAS". LATER IN THE MORNING, WE'LL ALSO SPEAK WITH TOM KNEITEL, EDITOR OF "POPULAR COMMUNICATIONS", AND GEORGE JACOBS, WORLDWIDE RADIO ENGINEERING SPECIALIST--AMONG OTHER NOTABLE PERSONALITIES FROM THE DX WORLD. WE WOULD ALSO LIKE TO HEAR FROM YOU-- IF YOU'RE OUTSIDE THE LOS ANGELES AREA, JUST DIAL 1-(213)-879-8255 DURING THE SHOW. WHEN YOU DIAL IN, JUST LET THE PHONE KEEP RINGING-- WE'LL SAVE YOU A FEW BUCKS, AND ANSWER JUST BEFORE YOUR TURN TO GO ON THE AIR! THIS PROGRAM WILL BE HEARD NATIONALLY--SOME KEY STATIONS INCLUDE WABC/770; WPRO/630; WTKN/970; WERC/960; WJBO/1150; WKIS/740; KPRC/950; KRNN/930; KTAR/620; KABC/790; KFBK/1530; KXL/750 & KGU/760. PROGRAM TIMES MAY VARY A BIT, SO BE SURE TO CHECK YOUR LOCAL SCHEDULE. ANY INFORMATION, INQUIRIES, IDEAS, ETC. ARE WELCOME--JUST SEND THEM

TO: GREG HARDISON
KABC RADIO
P.O. BOX 79
LOS ANGELES, CALIF. 90016

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: 1. Info-Tech M-200F CW/RTTY decoder with manuals, \$299.00. 2. Drake SPR-4 with 24 crystals covering all LW, MW and SW broadcast frequencies plus most utility bands. Very well maintained and clean. A fine receiver, \$335.00. 3. Extra crystals for SPR-4: 4.0, 5.0, 7.5, 8.0, 9.0, 10.0, 12.0, 14.0, 15.5, 25.5, \$75.00 for the set. 4. DC adapter for SPR-4 in mint condition, \$9.50. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR. 97601. Phone (503) 884-7659 after 0145 GMT

FOR SALE: Radio West 22" ferrite loop antenna with coils for LW, MW, and Tropical Bands, \$80.00 plus postage. ALSO: R390A receiver. Recently retubed and aligned. In good shape. Will trade for FRG-7, R4-C, or other solid state receiver of comparable value. Shipping in U.S. free with trade or will sell for \$190.00 plus $\frac{1}{2}$ shipping costs. Shipping by UPS in two boxes with easy reassembly. Fritz Mellberg, 1505 Central Hawarden, IA 51023. Phone (712) 552-2458 evenings.



Welcome to the last CONTACT of 1986. We will be taking a look at the CONTACT BOOKSHELF a little later on, but first a few correspondence matters to attend to...

From CONTACT regular and friend *Duke Alexander* (Radio Earth International, Texas Bureau, 14113 Stoneshire, Houdton, Texas, 77060) comes an interesting observation on listening to the Ham bands (also please note the RE broadcast schedule):

I'd like to take this opportunity to thank Thom Giella (League City, TX) for mentioning me in October CONTACT -- most especially appreciate his listening to AM Hams.

It is appropriate, then, to mention that there is an organization specifically for SWLs who listen to Hams using the AM mode. We feel that Hams using the AM mode are doing more than just enjoying their hobby. In a way, it is the AMer who is "publicizing" Ham radio far more than those on the other various modes, because AMers can be heard on very simple receivers. Anything from the 1931 Zenith to the "boom box" portable can pick them up. The Society for Promotion of AM (abbreviated S.P.A.M.) has an auxiliary membership for SWLs. Free info can be obtained (send s.a.s.e. please) from: S.P.A.M. SWL INFO, 14113 Stoneshire, Houston, TX 77060. For those who enjoy DXing, an attractive certificate (S.P.A.M. 100 Award) is available for those who get 100 confirmations from AMers.

From the DXer's point of view, Hams can offer QSLs from countries where no SWBC stations exist. But the program listener wants more, so I tend to agree with the view that if there were some way to get more "exotic" countries on SWBC, it would be ideal for all concerned. I don't need to remind anyone that we hope to put Curaçao "on that map" so to speak.

In closing, I'd like to mention that Radio Earth broadcasts continue via WHRI nightly (except Sundays) 0300 to 0400 UTC. Our frequency has changed to 7400kHz since the 27th of October. Thanks! & 73

Duke was good enough to send along a schedule which I am pleased to pass along to you:

Program # 1 -- Thursday, rebroadcast Monday

Ham Notes - Duke Alexander

Sweden Calling DXers - George Wood

Swiss Shortwave Merry-Go-Round - Bob Thomann and Bob Zanotti
Mailbag

Program # 2 -- Friday, rebroadcast Tuesday

Skyline - Dave Rosenthal

MUSIC:

This is the Caribbean - Rudy Espinal

Jazz Connection - Scott Marinoff

Best in the Country - George Nicholas

Slipped Disks - Isa Helderman

US Rock - Bill Parris

Program #3 - - Saturday, rebroadcast Wednesday
Shortwave Pandemonium - Max Thomas and Jack Widner
And one of our other features:
Canadian Bureau - James Careless and Cindy Ellen Morgan
Commentary - David Monson or Michael Poulos
A Closer Look - A report on a topic of special interest

Continuing for just a moment with the Ham bands discussion, we have a letter from *Bill McDowell* (Raleigh, North Carolina). Coincidentally, he reinforces the point made above by Duke Alexander about monitoring Ham AM transmissions:

I have been following the column regarding listening to Amateur radio operator transmissions. Having been an active Ham for over thirty years and having started out as a shortwave listener in the early 50s, I assumed that SWLs still enjoyed listening to Hams as much as I did then. But after thinking about it I realized the primary mode for Amateur voice transmissions in those days was AM, which could easily be heard on relatively inexpensive receivers. Beginning in the mid 60s the shift to single side band (SSB) undoubtedly accounted for the acute drop in amateur listening by SWLs because of the difficulty in tuning the SSB mode on simple receivers. I assume many, and especially newcomers to the the shortwave listening ranks, ignored Amateur bands in favor of the SWBC bands because of the ease in tuning on simple receivers. As the QSL manager for a very active amateur in Hong Kong -- VS6DO -- rest assured that a great many SWLs do indeed monitor the Ham bands on SSB and CW. I receive literally hundreds of listener cards for VS6DO from all over the world with the greatest concentration from the USSR. Many, if not all, of the Communist Bloc countries require a SWL "apprenticeship" before a person can participate in Amateur radio with a personal license or as an operator in a radio club.

CONTACT BOOKSHELF

Permit me to quote *Fred Osterman* from a recent catalogue (devoted almost entirely to books -- and very good it is indeed; it is called *FALL BOOK BONANZA* and can be obtained from Universal Shortwave Radio): "Frankly, a knowledgeable listener with modest equipment will hear more than a 'super equipped' neophyte every time! Books can make your monitoring more interesting and productive." Very well said, indeed! Even the most casual listener will agree that there is too much to know (simply in order to make some kind of rudimentary sense of the pandemonium on SW) to be without at least a few of the SW guides and reference works. Note that this installment of the BOOKSHELF is very conveniently timed with respect to Christmas: simply leave FRENDX lying about, open (seemingly at random) to the appropriate page -- which page is heavily annotated (preferably in red) with heavy underlining, and remarks such as: *must get!* (don't forget the exclamation point); *not to be missed!*; *essential reference!* Works every time...

For the purposes of this column we will divide the literature into the following categories:

1. Introductory and general books
2. Station/schedule reference
3. Technical
4. Advanced listener topics

(NB: Sources of books, their names and addresses, will be given at the end of this column.)

1. Books of an introductory nature are not as common as you might think at first. The basic work is still *The Complete Shortwave Listener's Handbook* by Hank Bennett and Harry Helms (Tab Books Inc.) now in a second edition. It was my introduction to SW and has continued to be a useful reference. Its style is easygoing with a bare minimum of in-depth technical details which might serve only to discourage the beginner. At around \$12-13 it is very good value. Another book with a similar title -- *Shortwave Listener's Handbook* -- is a smaller, less encyclopedic treatment of SWL but this may be a more attractive feature for some people. There is a very good, if brief, chapter at the end of the book which outlines some basic and useful antenna construction projects. A newer work is *Shortwave Radio Listening with the Experts* written and edited by noted DXer/QSLer Gerry Dexter. This large book (about 500 pages) contains articles by experts in their various fields and range from introductory articles for those just getting started, to more advanced materials. If you or someone you know is in search of a good receiver, then the ideal book for you to have or give is *Radio Receiver -- Chance or Choice* by Rainer Lichte. In the space of about 260 pages, Lichte discusses in great detail (backed-up with actual bench tests) just about every obtainable receiver. It is an excellent book and well worth \$18.50. As far as I know it is obtainable only from Gilfer Shortwave (Address and telephone number -- see below)

2.a The *sine qua non* of frequency/broadcaster directories is the *World Radio TV Handbook*. It is an annual publication 600+ pages contain a staggering amount of information and represents an enormous labor. There is almost no question that it cannot answer. Notice that its organization is geographical: first by world area, then by country. Information is given about broadcast times, languages and frequencies (not only for SW but for LW, MW and TV as well); transmitter power and location; information about essential station personnel (essential for QSLing, about which there is also some information). There is a section devoted to programs specifically of interest to DXers and SWLs. Also included are equipment reviews by Larry Magne. Because it appears but once a year (and may not, therefore, be as accurate towards the end of the year for which it was prepared) there is also *WRTH Newsletter* which serves to update the *WRTH* proper. The *WRTH* is available from almost every SW retailer, but the newsletter must be ordered directly from *WRTH*.

2b. The *Radio Database International* (edited by Larry Magne) is yet another enormous store of information. Unlike the *WRTH*, *RDI* is organized entirely by frequency. The extremely easy to use format includes information about language, times, target areas of transmissions; if the transmission is jammed; and the location of the transmitter and its power. All of this information taken together allows you to make a very well informed estimate of what you are listening to at any given time: which is, after all, the whole point. The data are given largely by means of a graphics format which is very clear and easy to use.

2c. The *International Listening Guide* is a neat, compact (±50 pages) frequency guide that is issued (roughly) quarterly. It is in two sections: the first is a listing, essentially by time, of all broadcasts in English -- the format is extremely compact and a wealth of information is given in the space of 19 pages: time, broadcaster, and frequency of English broadcasts, and of general - or world services as well; times and broadcasters of current events programs such as news and commentaries; last, and by no means least, there is a listing of *DX PROGRAMS* (in English) -- you will find that there are a lot of them and you could spend a large part of your listening day just tracking them down -- and this is a feature that I find among the most valuable. The second part is a listing by frequency of all SW broadcasters. In a graphics format, data are given about broadcaster, target area, time and language. When space permits, the listing begins with the tropical bands, and when this is the case, information is also given about transmitter power -- an essential piece of information in minimum useable frequency calculations. The ILG must be ordered directly from: ILG, Merianstrasse 2, D-3588 Homberg, West Germany. The price for a year's subscription of 4 issues is US\$15 or 30 W-German DM.

2d. Finally, I have just received a copy of the August '86 edition of the *Guide to English Shortwave Broadcasts* by Dan Ferguson. The overall structure of the work is in two parts: the first is devoted to world broadcasts in English, with an indication of the target area; the second gives broadcasts directed specifically to North America. Each large listing is broken down into two smaller listings, first by time, and then by the broadcasting country. More compact than any of the previously mentioned sources, this one has the obvious advantage of simplicity of use: it is extremely easy to read and to use, even when you are in a hurry. The only thing that I miss (and I think that it would be a useful and welcome addition) is a listing of SWL/DX programs. Still, it is very good and well worth the investment if it sounds like what you want. It must be obtained directly from: Dan Ferguson, P.O. Box 44866, Washington, DC 20026. The price is \$15 for a year's subscription of 6 issues; single copies are \$3.50.

2e. From Gilfer Shortwave you can obtain the *Tropical Bands Survey* compiled by Bernhard Gründl and published by the Danish Short Wave Clubs International. It is a compact but nonetheless quite informative listing which details frequency, transmitter power (where it is known), name of the station and its location, and notes including times of broadcast, languages, jamming etc. This is an annual publication, and costs \$4.50. In the same format (but obtainable only from DSWCI, Tavlaeger 31, DK-2670 Greve Strand, Denmark) is another annual publication entitled *Homeservice stations Outside the Tropical Bands* -- which serves as a companion volume to the *TBS*. It too is excellent and is well worth the 9 International Reply Coupons that it costs.

3. For the technically minded, the offerings of the American Radio Relay League are among the very best. For general reference there is the *Radio Data Reference Book* by G.R. Jessop, which contains all kinds of information of use to anyone who is interested in the technical aspects of radio; cost is \$15. Three excellent books are devoted to antennas. 1) The *ARRL Antenna Book* is one of the best and most easily obtainable books on that subject now in print. All kinds of antennas are treated, from both theoretical and practical standpoints. At \$8 it is a great value. 2) The *Antenna Compendium* is an interesting collection of articles taken from *QST* magazine; \$10. 3) *HF Antennas for all Locations* (L.A. Moxon) comes from the Radio Society of Great Britain and treats antennas that would specifically be of interest to SWLs; \$12. Those interested in the rôle of computers in radio will want to look at *Amateur Radio Software*; this book contains, for instance, propagation/signal strength programs, and data base programs. Programs are given both in BASIC and assembly language -- \$15.

4. Probably the most popular topic in SWLing is that of the QSL and how to get one. Without much question, the king of the QSL is Gerry Dexter. From his pen has come two very useful books: 1) *Secrets of Successful QSLing* details all of the most useful techniques in eliciting QSLs from even the most stubborn station; around \$10. 2) *Language*

Lab gives you what you need to submit a winning reception report in Spanish, even if you know barely a word of the language; about \$8.

If your interests center on utility stations, there are a number of interesting books to choose from. From Jörg Klingenfuss comes an enormous compilation of frequencies -- *Guide to Utility Stations* (\$25; on sale until 25 XII 86) from Universal Shortwave Radio for \$18.89) If aeronautical communications are of interest to you Universal Shortwave Radio also offers the *Worldwide Air Traffic Frequency Directory* (usually \$4.75, on sale for \$3.89). *World Press Services -- Frequency List and Manual* is a listing of English-language press RTTY services by time, frequency, and country of origin (Universal Shortwave Radio \$8.95/5.89)

ADDRESSES, TELEPHONE NUMBERS, ETC.: You might want to move quickly and take advantage of Universal Shortwave Radio's **Fall Book Bonanza**, which extends until 25 XII 86. Most of the books listed above are available from Universal at a substantial savings. Their catalogue for the sale can be obtained from them Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, Ohio 43068. Universal's complete catalogue is available for \$1 (refundable). Telephone: [614] 866-4267

Gilfer Shortwave stocks a great many books and you can receive a copy of their flyer (if you send them a #10 SASE) if you write to them at: 52 Park Avenue, Park Ridge, New Jersey 07656. Telephone: [201] 391-7887

The Ammerican Radio Relay League (ARRL) can be reached at: 225 Main Street, Newington, Connecticut 06111. Telephone: [203] 666-1541

NOTE: Before you order, be sure to inquire about shipping costs and availability in order to avoid disappointment.

N.B. If you have run across a particularly useful book not mentioned here, write and tell us about it!



I sent out some dozen or so letters to various Senators about the Electronic Communications Privacy Act of 1986, and the replies have begun to come in. On the whole they are a good deal less than inspiring. From *Sen. Edward Kennedy* came a letter which presented both sides of the issue, and ended by saying that, in any case, the bill had been passed. *Sen. John Glenn* replied with a brief note that he said that he would wait for the findings of the Judiciary Committee before making any decision. *Sen. John Chafee* remarked that "the bill as passed by the Senate now include language making it explicit that it is not unlawful to intercept mobile radio communication that is readily accessible to the general public." Again, this leaves open the matter of definitions with respect to cellular telephone, and certain H (i.e., SW) transmissions. He also promised that if the present bill posed problems that "the Senate will undoubtedly revisit the this issue in the 100th Congress." Now, just why don't I find that particularly reassuring? From *Sen. Barr Goldwater* came an odd missive that began: "The possible sweep of criminal penalties to dish antenna owners under the Electronic Privacy Bill troubles me as much as it does you." His entire letter, in fact, is taken up with the reception of satellite transmissions: nothing about cellular telephones, scanners, or possible HF restrictions. Hmmm...

What I miss in these letters is an appreciation of the overall implications of this bill. Nowhere is there a sense of the importance of the precedents set by this piece of legislation.

There is just enough space left to wish you the very merriest of Christnases, and a happy, healthy and productive New Year. My special thanks to all of those who have taken the time to write. To readers I also extend my thanks for your interest. See you in '87! Meanwhile -- WRITE!!





Easy Listening

Editor: Alex Batman, 4618 Alvin Dark, Apt. 34, Baton Rouge, LA 70820

UNDAY

1300-1345: "Music Album" (Radio Beijing). Usually features classical Chinese music, sometimes selected around a special theme, such as Chinese classical music played on western instruments or featured instruments of the classical Chinese orchestra. Usually plays two songs per program. Commentary is kept to a minimum, just enough to establish the theme of the program (9.535. Repeated at 1230 on 9.535/11.650 and at 0030 on 15.445).

940-1955: "Your Top Tune" (Radio Moscow). Each week the program plays three Russian songs, mostly popular, and listeners are invited to vote on their favorite piece. On the last Sunday of the month, the three most popular songs for that month are played. Those who voted for one of the favorites are eligible to have their name placed "in the barrel" and win special prizes, winner selected by the "spin of the wheel". (11.840)

MONDAY

2300-2310: "Time Out for Sports" (Radio Sofia). A run down of the most important sports news concerning Bulgaria, especially soccer, but also other sports as well, including gymnastics, wrestling, auto racing, or any sport in which Bulgarians have participated recently. (9.700/11.720. Repeated at 0030 on 6.070 and at 0430 on 7.115).

0250-0325: "Monday Documentary" (Radio Nederlands). This is not a single program, but a continued series of programs specially produced. The current series is a thirteen week series on the history of Africa entitled "We Made a Hoe and Went Along". It began with the history of man emergent in Africa in prehistoric times and has continued to document the history of Africa in subsequent programs. The series before this was "Portrait of the Past" which selected the major news events and music of recent past years, such as 1968 or 1969. (6.165/9.590. Repeated at 0550 on 6.165/9.715).

TUESDAY

0130-0145: "Report on Religion" (BBC). This program features news about church activities (Christian and other religions), such as as meeting of the Pentecostals for World Peace or efforts of the Indian government to stop the burying of the dead in the Ganges river. The emphasis here is religious news rather than evangelism. (6.175/5.995)

0140-0145: "Sports in Argentina" (RAE). This is not a run-down of recent sports news, but rather a program on the history and role of sports in the country. Recent programs have featured a biography of a famous Argentine soccer player of the 1950s and the early history of auto racing in Argentina. (9.690/11.710. Repeated at 0440 on the same frequencies).

WEDNESDAY

1130-1200: "Meridian" (BBC). This is the BBC arts and culture program, and past features have included the plays at "The Fringe" in the

WEDNESDAY (continued)

Edinburgh festival, a biography of the recently deceased sculptor Henry Moore, recent films, and an art exhibit by the Boyle family. (6.195/11.775)

1120-1125: "In the Third World" (Radio Beijing). Features news stories exclusively concerning Third World countries, such as a new Tanzanian airline, plans to dam a river in Zaire, the drug trade in the "golden triangle", etc. (9.535. Repeated at 1220 on 9.535/11.650 and at 0020 on 15.445).

THURSDAY

1345-1350: "Philately" (BRT): I have a confession to make with this program, and that is that I haven't been able to find it recently. When BRT still had their hour schedule, this alternated with "QSLs" on Thursdays. Now, I believe, it alternates with "QSLs" and "Sciences" so is only on every third week, but I may be wrong about this. In any event, as the name implies, it is a stamp oriented program, sometimes featuring special issues of Belgian stamps and other special features of interest to stamp collectors, such as the history and mechanics of stamp forgery. (15.590. Broadcast earlier on Wednesday at 0045 on 5.910). Every third week?

0045-0100: "The Making of a Nation" (VOA). This is a program on American history, and a pretty thoroughly researched and exhaustive analysis it is, too. When I first started listening about four or five weeks ago, the program was about Jefferson and the Louisiana purchase. Subsequent programs featured the Federalist opposition to Jefferson, the collapse of the Federalist party in the election of 1804, Aaron Burr's duel with Alexander Hamilton and how it came about, and next week's program with feature the conspiracy for which Burr was convicted of treason (next week being Nov. 27, 1986 as I write this). Warning: This program is in special English. (9.650/5.995. Not on VOA frequencies 9.455/6.135 which carry "NOW MUSIC USA" at this time)

FRIDAY

0045-0100: "American Mosaic" (VOA). A magazine program much like "VOA Magazine" but in special English for listeners in the Caribbean. Past features have included a special Halloween program, a feature on Gallidet College for the Hearing Impaired, ecologists' attempt to save the red wolf, and a definition of bluegrass music. This program also is in special English. (9.650/5.995. Not on 9.455/6.135 which carry "Country Music USA" at this time).

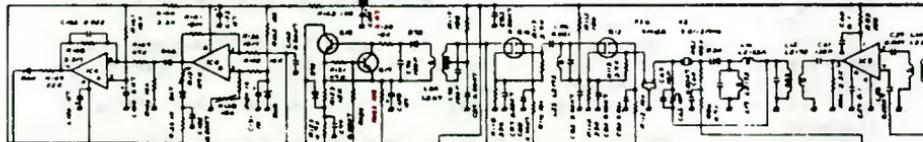
0110-0125: "You Asked for It" (Radio Australia). Radio Australia's mailbag program which answers listeners' questions about Australia, its environment, economy, religious protections, etc. Hosted, as most mailbag programs seem to be, by a male and female announcer. Some programs answer several questions and some programs answer only one in great depth and detail. (15.320/17.795).

SATURDAY

2200-2215: "Give Peace A Chance" (Radio Berlin International). News of the international peace movement wherever these stories happen to be taking place, including the World Peace Congress that recently met in Copenhagen. Interviews, news stories, etc. Good chance to hear John Lennon singing, since his song which give the program its title is played at the beginning and end of the program (6.125. Repeated at 2315 on the same frequency).

0110-0145: "To the Top" (Deutsche Welle). This is the monthly run-down of the top songs on the charts or the songs that are otherwise making news in the German pop music scene. Although most songs are in German, some are in English, and almost always the selection is good. (6.040/6.085/6.145/9.545. Repeated at 0310 on 6.010/9.545/9.565 and at 0510 on 6.120/6.130). Last Saturday of the month.

Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, P. O. Box C-4, Cinnaminson, NJ 08077

A CHRISTMAS STORY
OR
MERRY DX-MAS
by Ebenezer Skip Arey
with apologies to "Chuck" Dickens

Ebenezer Skip was just like so many Dxers. Selfish and self centered, he thought of no one but himself and his own listening pleasures and accomplishments. He had a good job and could afford the best in receivers and hardware. He loved to boast about his working 400 countries (It was rumored he even formented the revolution in one location just to get a new QSL). But, as they say, what goes around comes around...

"OY...What an office party. I don't think that typist will ever talk to me again. Can I help it if she didn't like my 'Christmas Goose' joke?"

Ebenezer Skip entered his dark house and proceeded to fix himself a "Dirty Harry Special" for dinner (2 Chili dogs and a six pack of Coors). He settled in and watched Mr. Magoo's Christmas Carol on the tube as he emptied the bottom half of a bottle of cheap brandy left over from the office party. Feeling reasonably good he stumbled off to bed. He tuned his Sony 2010 at his bedside to a BBC Christmas Music show and pulled the covers over his head, half realizing his head was really going to hurt come Christmas morning.

Then, in the darkness, he heard a voice...

"EBENEZER SKIP!!!!"

"Huh?"

"EBENEZER SKIP WAKE UP AND SMELL THE TOAST BURNING!"

Skip pulled the covers down from his head to behold a spirit clothed in black leather with long glowing hair that lit up the room. "Sheesh" he thought "I haven't had an attack of the sixties like this since that night in Tijuana." "Hi ghosty, whats cookin' besides your hair?"

"I AM THE GHOST OF DX YET TO COME AND I..."

"Yo Spook, turn down the gain a bit, I am a man preparing to nurse a serious hangover, okay?"

"Sorry, I am the Ghost of DX yet to come and I am here to help you see the error of your ways"

"Come again?"

"You must stop your selfish Dxing ways and use your multitude of radio skills to help those less fortunate than you."

"Hey wait a minute, Shouldn't there be a ghost of an old friend like Bob Marley and two other ghosts before your show up?"

"Do you know what labor costs these days? As it is the front office is grouching about paying me overtime to work on a holiday. But that is none of your business. Ebenezer Skip, you must act to improve the lot of your fellow Dxers."

"Yeah. Uhuh. Right after the holidays Ghostface. Love your hair. Lets do lunch sometime. Call my secretary if she's still speaking to me." Skip pulled the covers back over his head.

"WHAT HAVE YOU DONE FOR THE HANDICAPPED DXER????"

Ebenezer Skip pushed the covers back down and looked at the ghost quizzically. "Who? You mean guys still using Frog Sevens?"

"I mean the listener who is physically handicapped?"

"Hey Ghost, Your still off frequency. Just what am I supposed to do anyway?"

"You write for the DX press, write something about it."

"Look Mr. Class Five Free Floating Vapor, My loyal readers are looking for my DX wisdom in each and every column and..."

"WRITE SOMETHING ABOUT THE SUBJECT!!!"

"Okay, okay, Man, who does your special effects? I expect you didn't flop on in here from the nether world without a few ideas. Lay them on me and I'll see what I can do."

The Ghost sat down, lit a cigar, and began to tell his story to Ebenezer Skip.

"There is a group called DX AUDIO SERVICE a project under the direction of FRED UOBBE of the NATIONAL RADIO CLUB. This service provides information on audio cassette for blind Dixer's, They provide information on Medium Wave Dxing, profiles of radio stations, news and information of interest to all radio hobbyists including equipment reviews.

"Hey that's on target Ghosty, I ran across Fred at the last NRC convention. He played one of the tapes for me. Real high quality production, very professional."

"So how come you haven't written about it"

"Well, like its mostly Medium Wave and..."

"Much of the information is generally useful to the unsighted radio listener regardless of area of interest."

"So Mr. Spirit, your so smart, do you have Fred's address?"

"Sample copies of the DX Audio service are available for \$3.00

from:

The National Radio Club
P.O. Box 24
Cambridge, WI 53523-0024

Fred also needs help with production and appreciates information for publication. He can be reached at:

DX AUDIO SERVICE
706 Mackenzie
Lima, Ohio 45805-1835

This is a growing organization that has had to depend on word of mouth advertizing until I came here tonight to haunt you"

"Yeah, thanks loads Spook. What else you got?"

"Another good source for information is AUDIO CASSETTES FOR THE BLIND, they can be reached at 1-800-221-4792."

"Great, but you woke me up to help all the handicapped DXers not just the folks who are blind, so dig deep Ghosty and give me some other stuff or I'm rolling over and chalking you up as a bit of undigested beef"

"I've heard that line before. Besides, those were chicken dogs you ate tonight. Anyway there is an organization who takes a wider perspective in bringing the radio hobby to the handicapped. The HANDI-HAM SYSTEM is an international organization of able-bodied and disabled amateur radio operators who help people with physical disabilities expand their world through the radio hobby. They match people up on a one to one basis and are able to provide instruction, support and equipment. They make a serious effort to open up the radio hobby to all people. They can be reached at:

W0ZSW at Courage Center
3915 Golden Valley Road
Golden Valley, Minnesota 55422
Phone (612) 588-0811

So you see there are groups out there you can tell people about"

"I see, but Mr. Ghost, None of these organizations work directly with the Shortwave Hobby. What have you got for my readers?"

"These are the only organizations on file at Spook Central."

"But somebody has to pick up the slack here. I have been to ANARC conventions and I have met many handicapped SWL's. You mean there is no one out there specifically providing services for these folks anymore?"

"Sadly, Ebenezer Skip, It looks that way. Maybe you can write about this problem too."

"You bet Ghostface. I'll lay the whole story out. This hobby has room for everybody. Anybody can get involved, maybe they just need a little help getting started. Radio folks are very creative and can rise to the task if they are given the opportunity. Maybe people can contact the organizations you told me about to get some idea on how to get started. You can count on me to spread the word in my column. This may not be technical information but it sure is important."

"Now you've got the 'spirit' Ebenezer Skip. But I must be off to haunt the members of the U.S. Senate who voted for S.2575. See you in

the funny papers."

And with that the spirit vanished just as the first light of Christmas morning crept through Ebenezer Skip's window.

"Morning, Oh well...May as well go over to Tiny Tim's house and see if he has any worcestershire sauce for making Bloody Mary's"

POSTSCRIPT: If you have any information on organizations or individuals who are taking an active role in helping the handicapped radio hobbyist please send this data to Tech Topics and Good Old Uncle Skip will see it gets published ASAP. Keep those cards and letters coming folks and may everyone have a joyous and peaceful holiday season. GOD BLESS US EVERYONE!

73
Skip
WB2GNA

NASWA Awards Program

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

Greetings and welcome to the final edition of the Awards Page for 1986. The following folks were issued NASSWA Awards during the month of October

Dr. Harold CONES, Newport News, VA: Master British Commonwealth DXer

Richard D'ANGELO, Wyomissing, PA: Arab World DXer

Steve FOREST, Cincinnati, OH: European Continental DXer; World Wide DXer

Rick Krzemien, Walnut Creek, CA: Arab World DXer

Dave TWIGGS, Bristol, CT: DX Centurian; Arab World DXer; DXer de Pacifica; All Continent "QRP" DXer (25 Kw); Senior Ecclesiastic DXer

Also, to correct an oversight, the following received endorsement stickers for their Senior DX Centurian Award:

Chris GIBBS, Surrey, England: 160, 170, 180 and 190 countries

Rich DAVIS, Portales, NM: 160 and 170 countries

C. Vernon HYSON, Matthews, NC: 175 countries

Dr. Harold CONES, Newport News, VA: 160 and 170 countries

Roland SCHULZE, Stuttgart, West Germany: 160, 170 and 180 countries

*****KAP'S KOMMENTS*****

Shortly after our November column went to press we received a copy of the latest UHN Newsletter. Several other readers also got theirs. Hopefully everything is back on track there.

The Country List and Awards Program booklet is still available for \$2.00 in North America, \$3.00 elsewhere.

We're pleased to announce that our Awards Program promo which appeared in the October issue of CQ Magazine has elicited some very favorable response from the HAM community. We also understand that the Program has recently been publicized in several foreign publications including Practical Wireless in England and the ADDX club bulleting in Germany.

We're still looking for radio related IBM PC Compatible radio related software. We know have 3 "Public Domain" disks available for trade. If you don't have anything to trade, send along blank DSDD disks and we'll copy them up for you. We also have 3 game disks available (color monitor and board required) that we'll be glad to share.

Gerry Dexter of Tiare Publications advises that the French edition of the Language Lab series will be available shortly. This is a companion to the Spanish version recently released. SASE (IRC) to Gerry at PO Box 493, Lake Geneva, WI 53147 will get you full details.

A word to the wise, when reporting to Radio Botswana, make sure your reports are complete and accurate. The station stopped QSLing a decade or more ago due to an influx of questionable reports. A minimum of 30 minutes program details should be included. A "I heard your station, send me a QSL" approach just won't work here and may cause their policy to revert to no QSLs again. It would be a shame if several folks' hard work negotiating with Radio Botswana over several years go down the drain. Actually, this caveat applies to ANY station.

For those interested, ye olde KAP finally logged and QSLd KNLS. Now for the real toughie, WMLK.

We've received several notes regarding our "Letter to the Editor" in the November issue of Monitoring Times. We want to make it perfectly clear that this was MY opinion and not that of NASWA. Also, we meant the letter not as a bash against ANARC but instead that a change of scenery might be in order. As most folks are aware, I am more inclined to be a "DXer" rather than program listener and by necessity ANARC Conventions tend to be more listener oriented.

Also on the subject of ANARC, our sincere congratulations to Terry Colgan and Robert Horovitz for getting the Privacy in Communications Act amended so that the next time I listen to U.S. Coast Guard COMSTA Boston on 5696 I won't have to worry about the "Radio Police" knocking on the door. It's our understanding that the Act, as amended and signed by President Reagan only prohibits monitoring of mobile telephones (both cellular and conventional) and cordless phones.

Muriel (Mrs. Kap) and I would like to take this opportunity to wish everyone a Merry Christmas and Happy Chanukhah. Till next year

*Best
Kap 11/23/80*

NO COLLECT CALLS ON THESE ADS, PLEASE.

WANTED: Monitors of RBI, BRT, R. Prague and R. Kiev. I'll post your reception reports with those of others, in bulk. Send me a 22¢ stamp and reports to two stations. Reception reports only! I'll mail every three weeks. Bill Plum, 12 Glen Road, Flemington, NJ 08822.

FOR SALE OR TRADE: Regency D-310 thirty-channel programmable scanner in mint condition with manual and box. Will consider a trade for RF-2600, RF-2900, or similar SW portable in good condition. Steven Johnson, 6409 Hartman, Omaha, NE 68104. Phone (402) 572-6880.

FOR SALE: Sony ICF-6700W, \$150.00. Customized Beam Headings (from/to) and Distances (Mi/Km) to over 355 WRTH transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.85. FRENDX, complete '84 or '85, \$5.00 each. WRTH '85, \$6.00. All items include shipping. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

WANTED: Old Radio Shack catalogs and any issues of Elementary Electronics and Communications. George Coppen, P.O. Box 2654 H.O., Winnipeg, Manitoba Canada R3C 4B3. Phone (204) 475-9258.



Ye Olde Computer Corner

Tom McElvy, Editor

If you are like me, once in awhile you get sick of computing and hearing about computers, and want to direct your attention to something else. With that in mind, this month's column has nothing to do with computers and will give you a chance to relax your mind a bit.

A word of caution is in order now: everything you are about to read is true!

If you live in Virginia and have a bathtub in your house, you are breaking the law! The statute is still on the books that says all bathtubs must be kept outside in the yard.

Bet you don't know a word with one vowel repeated six times! Try "indivisibility".

America is the only country in the world where they let the prisoners go home and lock up the jury.

The average two year old has a vocabulary of 272 words.

If you are a housewife & move to California, make sure you boil your dustrag...if you don't, you could be imprisoned.

Also, it's against the law to play hopscotch on a Sunday afternoon in Missouri, or to fall asleep under a hairdryer in Florida. Wonder what you would get for software piracy in some of these states?

Nowhere in the Bible does it refer to Jesus Christ ever laughing nor does it mention Him smiling. That seems strange!

continued...

(continued)

If you put all the fish, reptiles, birds and mammals on one side of a scale, and all the insects on the other side, the insects would weigh more than three times as much. If you don't believe me, try it yourself!

If you own a canary and it is of average size, it has approximately 2,200 feathers. Wonder who went to the trouble of counting them?

Did you ever notice that some things never come out even; envelopes and paper, spaghetti and sauce, stamps and letters, and a hole and its refill dirt.

Hope you enjoyed this little break from computing. Have a great Holiday season, and see ya in '87!

73!

Happy Holidays!



Tom





Listeners Notebook

GLENN HAUSER, P.O. Box 490756, Fort Lauderdale, FL 33349

PROPER CREDIT Other publications and broadcasters may use material from LN, provided due credit be rendered to the original reporter and the NASWA Listeners Notebook. This courtesy doesn't extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCMS permission. The most important items have been broadcast immediately on SWL DIGEST or WORLD OF RADIO, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time, not just on the envelope, as input for other outlets also comes to Box 490756. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT = UTC, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

A F G H A N I S T A N DS-1 in Dari/Pashtu on 7198v hrd *0125 w/melodious flute/pipe IS, // 4740 3965; 7198v is direct from Kabul while others are USSR relays; pgm-2 in Pushtu & Baluchi again on 9755 *0130 ex-11825 27/9 (Sarath Weerakoon and/or Victor Goonetilleke, Sri Lanka, Oct Union of Asian DXers)
R Afgh in EG 09-1030 S/SEAs/FE on 6085 9635 15255 17650; ex-17655 to avoid Islamabad 17660; ancd 15360 instead which was unusable due to BBC on it; 15255 is unusable because of jammer "L8" from *0600. 6125 carries Urdu svc 1330-1430 --pgming consists of nx and Hindi film songs (not Urdu songs, maybe because they are from Pakistani films). HS *0130 on 7200 4740 4450; 4450 is ex-3965 morns and carries a diff pgm. Monitoring RA is tricky because of multiplying fqs and alt pgms vary. At 1500 these fqs noted: 7200 4740 3965 9755 carrying one pgm in //; 4450 & 6085 w/a diff // pgm. 17655 & 15255 *0500 Pashto // 7200-- all three very clear then; at 0700 7200 changes to diff pgm. Most days HS has nonstop EG pop mx 1830-1900 on 7200 6125 4740 4450 3965--unusual (Supratik Sanatani, Indian DX Club International's Asian DX Review, Oct) see also USSR

A L B A N I A Gjirokastër reactivated, noted 15/11 2201-2258* on 5057 w/continuous mx to 2230 nx; 2254 s/off routine & anthem; F but mixing w/CR on 5055 (Richard A D'Angelo, Wyomissing PA) RTV Shqiptar, 20228, 13/9 1140-1205: light mx, 1200 ID, HS 4 x 5057, fund inaudible as was the often hrd 5th on 25285; also checked 10114 but nothing there; SINPO 35433 (Andy Sennitt, Denmark, DSWCI)

Monitoring 10-31 Oct: R Tirana has reorganised ES, possibly from 28/9; probably reduced output by as much as 20% since only 448h of weekly external being traced so far vs 588h in previous sked. BCing in all langs exc GK, IT, Persian & PT appears reduced. New sked we've built up solely from monitoring and believe to be practically complete. In addn, at peak periods, RT now hrd using max 10 fqs simultaneously (8 SW & 2 MW) vs about 13. Previously had 16 daily half-hour in EG: only 12 found so far and only 12 are now ancd, viz:

0230 9754 7065. 0330 9754 7065. 0430 11835 9480. 0630 9500 7065. 08 118 35 9500. 1130 11855 9480. 14 11985 9500. 1530 11835 9480. 1830 9480 7065 & 1395. 2030 9480. 2230 9480 7065 1395. 2330 9760 7065 6200 (WBI 7/11) & the following are targeted only to Am: 0230, 0330, 0430, 0800, 1130, 1400, 2030-- which may also be on an 11 MHz channel, and 2330. The only Albanian lang bcs are 00-01 9762 7300 6200, 02-03 9791 7300 6200 to Am; 05-06 7090 6200 1215, 15 -16 7090 6200 1215, 18-19 7090 6170 Eu. The WOOB Std Chinese are now: 05-06 16230 10510, 13-14 on same (WBI 7/11) Some fqs may vary up to 5 kHz. Target areas for some bcs have been assumed for statistical purposes (ibid.)

ARGENTINA Telam nx agcy, Bs As, reported 29/9 from Viedma: govt has set up LRA-2 R Nacional Viedma after agmt reached betw Natl Comms Secretariat and govt of Rio Negro prov. Also decided that LRA-30 R Nacional San Carlos de Bariloche 'll be taken out of the offl radio bcng net, to which it'd been attached by military govt in 1983, and that stn 'll readopt old name, LU-8 R Bariloche. 'll come under auspices of Presidential Public Info Secretariat as a commercial state radio stn (WBI 24/10)

RAE ES confirmed w/following revised sked on 15345 17-21, per monitoring 23/10: 17-1745 AR, 1745-1845 EG, 1845-1930 GM, 1930-2015 FR, 2015-21 IT. GM reintrod after absence of about a year; xmsns in langs exc EG reduced to 45 mins; AR believed to be weekdays only (WBI 31/10)

AUSTRALIA RA Talkback reported 4/10: Next Sun 12/10, RA 'll make major changes in nx & current affairs pgms; TB also resked to Suns only at 0310, 0710 0910, 1240, 1710, 2040 (WBI 10/10)

RA reported 11/11: Merger of ABC and multicultural Spl BCing Svc (SBS) due to take place in 7+ weeks is now in jeopardy. Fedl opposition decided to oppose merger, a position already adopted by Democrats. RA Canberra says opposition and Demos have numbers in Senate to block the bill. Says bill was approved today by Au Labour Party [govt party] caucus but not w/out some opposition. Libl spoxeman on comms, Mr Ian McPhee, believed merger 'd be stopped for 3 reasons: they felt ABC was in no condition to take on extra responsibilities; didn't believe integrity of SBS pgming 'd be maintained and didn't believe it 'd save any money. But MinComm Duffy said bill 'd be introed tomorrow; said if bill blocked the govt 'd consider options such as administrative merger. But said he was loath to adopt that course and ruled it out as a possibility in the immediate future (WBI 14/11) Affair a really big deal DU, it seems (gh)

BANGLADESH SW HS from Dhaka: 4880 100 kW 00-0305 & 09-12; 4890 100 kW 1130-1715; 6195 7.5 kW 03-0705. ES [partial] 1315-1345 Nepali 7105 9775. 14-15 Urdu 9640 13615. 1515-1545 Hindi same. 16-1630 AR 9945 13670. Bengali for Bengalis abroad: 1630-18 9945 13670, 1915-20 6240 7505 (Sept Assn of Pan Asian Radio Clubs via UADX)

R Bang dropped 7500 for slow EG nx 19-1915; only using 6240 (Supratik Sanatani, India, Oct ADXR) & same situation with normal EG 1815-19? (gh) see IMI

BELIZE Radio One, 3285, 0345-0410 4/11 w/BBC pgm relay, ID, TC for 10:00 then pgm from UN Radio, NY starting w/nx, SIO 353 (Richard A D'Angelo, Wyo PA)

BHUTAN BBS dropped 90 mb 3395, which used to radiate from 300 W ute xmtr of Bhutan Wireless. Pging is on 6035 5 kW only, on previous sked, i.e. Mon-Sat 11-14 (EG 1330-14), Sun 06-09 (EG 0830-09). EG pgm consists of nx, important anmts, wx, and the second half is fully devoted to pop mx. The 'anmts' are vey interesting, e.g. 13/10 that the govt fruit store house are full and for the time being purchase of apples are being suspended. It regretted the inconvenience cause to apple growers! For the mx request pgm they have a vy good audience amongst the westernised youths of Darjeeling. Recently I was reading some nx reports that the Chukha Hydel Power is already producing electricity. This means that the 50 kW xmtr to be donated by India will be commissioned soon because the xmtr has been held up due to power shortage at Thimpu. Dropping of the 90mb channel could be to make way for the new xmtr (Supratik Sanatani, India, IDXCI ADXR Oct)

BOLIVIA Panamericana net, La Paz, reported 27/9: The Permanent Assembly for Human Rights has publicly denounced the closing of R Bermejo in the town of the same name. Interior Ministry has reportedly ordered closing because of its cland & subversive nature. Reports from the district says proprietors of stn, the Church Social Pastoral Committee, were negotiating to obtain an offl permit for the radio at the time it was closed. The Bermejo Prefect, the Interior Ministry and Msgr Abel Costas met after the closing to discuss a letter of warning. The public statement released by the Human Rights Assembly says it asks for respect for the freedom of expression and protests against hasty actions, such as the closing of a means of social comm (WBI 10/10)

BOTSWANA R Botswana, 7255, hrd from *0345 w/cowbell IS & NA, 0400 vernac pgm & pop mx; vy strong 3/11 & other nights on Philips D1835 mini-portable w/30" whip, my only SW rx since Drake SPR-4 broke down (Ernie Behr, Kenora Ont)

Rec'd F/D QSL card in 25 days for EG report and 2 IRCs; v/s Ted Makgekgenene CE (Richard A D'Angelo, Wyomissing PA) Keep an ear on 6712 for that 2nd harmonic

B R A Z I L R Liberal, Belém, on 3326 0445-0506 8/11 w/ Braz pops & ID 0446; F when RTTY subsided (Richard A D'Angelo, Wyomissing PA)

R Clube do Pará, 4885, 0150-0220 2/11 live comedy show to 0200 ID & fq anmt. Pgm of Braz love songs w/IDs & performers' names between items (D'Angelo too)

R Globo, Rio, 6030.9, 1950-1955 21/9 sports talks (Vashek Korinek, South Africa, Nov DSWCI SW News)

Fantastic reception of R Bras at 1750 w/10 mins of tuning sig consisting of 16 notes; 1800 start EG Eu; I never tire of listening to their tuning sig almost daily because it's about the best signal on 15 MHz at the time and the nicest item to listen to. 15265 ex-15155 after 27/9; only the whip ant is needed. Also a stn on 3235, weak in PT at 0040 14/9; difficult to get ID; first Braz I hear on 90m for about 3 yrs; unlike those days when we used to hear a Braz almost every 10 kHz on 90 and 60 mb (Victor Goonetilleke, Sri Lanka, Oct UADX)

B U L G A R I A R Sofia in EG, complete: 00-01 Am 11720 6070. 04-05 Af 11765 9595 7280. 0730-08 Eu 11720 9700. 1530-1630 Af 11835 11735 9740. 1830-1930 Af/Am 11835 11735 9740. 1930-20 Eu 11720 7155 6070. 2130-22 Eu/Am 7155 7115 6070. 2230-2330 Eu/Am 11720 6070 (WBI 14/11) Note that the 04 to NAM has apparently been dropped, but NAM added as a target to the 1830 bc (gh) + LMI

B U R M A Burmese Army Stn at Taunggi, 5058 in BM 1130 w/talk by lady, mixed w/unID stn playing flute, 333 (Supratik Sanatani, Sept IDXCI Asian DX Review) Attn IDXCI: Pages 8-9 of the Sept issue missing in my copy; please replace(gh)

C A M E R O O N R Bertoua, 4750, inactive since Oct 1985, per DSWCI TBS, is now active, hrd 20/10 1845+ w/FR pgm, clear ID, Af folk mx, before 1900 w/3 IS, following nx // 5010 via Yaoundé, sport, political reports; nom fq 4795 was not used (Roland Schulze, Stuttgart, Federal Republic of Alemania)

Bertoua on 4750 0446-0507 15/11 w/FR nx to 0459 when brief 3-min EG nx report was given by M; F (Richard A D'Angelo, Wyomissing PA)

C A N A D A RCI 1986-87 pgm sked reports: RCI goes satellite! Our pgms now relayed from production studios in Montréal to SW xmtrs in Sackville NB by comsat. Previously used microwave facilities [guess what: satellite fqs are also microwave; the term has come to mean 'terrestrial point-to-point microwave' -gh]. A 4.5 m parabolic ant at Sackville downlinks sigs from Anik-D. With its 'foot-print' covering NAM, this satl capability promises a new flexibility in intl distribution of RCI pgming (WBI 31/10) Hinting at the truth that you don't have to rely on SW anymore to hear RCI? Loren Cox tells how to intercept this and BBCWS in RIB 114... (gh)

SWL Digest is now sked: Sat 2116 on 15325 11960, and via Daventry, England on 7185 and 5995--these are now 300 kW xmtrs beamed 110 and 160 degrees resp, and may be useful in RCI's skip zone in the New England area where it is difficult to hear any of the SWLD bcs direct from Sackville; 2137 on 17820 15150 and 11945. Sun 0108 on 9755 and 5960, 2308 on 9755 and 11710. (gh)

C H I N A Jiangsu PBS, Nanjing reported 26/9: A new stn'll begin bcng to Taiwan 12/11. The "Voice of News" will bc nx abt economic and cultural development and social life in Jiangsu and its neighbouring provs & cities; views of people on peaceful reunification--the stn'll also invite people from Taiwan to give their views on reunification--and various principles and policies; and pgms on local condx, customs, health and increasing wealth. No further details were given; in fact, Jiangsu PBS inaugurated two daily bcs to Taiwan 1/7/82--on 702 kHz 16-1630 & 2045-2110 (WBI 10/10) on SW too--see LMI--Last Minute Items @ end

Zhejiang PBS, Hangzhou reported 25/9: An AM stereo xmtr, on MW has been successfully installed at the Zhejiang PBS; the first step forward by a stn in AM stereo xmsn in China (WBI 10/10) Wish I'd known about that when I was there, as guest of the stn! But AM\$ rx no easier to find in China than here (gh) It's C-QUAM, on 1530 kHz (C-QUAM worldwide listing as of 2/9 via Tom Gavaras, MN)

China Daily, Peking reported 3/10 from Shenzhen: The Shenzhen Special Economic Zone [SEZ] is Guangdong prov has become the first of the four SEZs--the others are Zhuhai and Shantou in Guangdong, and Xiamen in Fujian prov--to run its own radio stn. Shenzhen bcng stn off'ly launched 1/10, natl day. With 10

kw, stn is second largest \$ stn in prov, the largest being in Guangzhou. Listeners w/in 80-km radius of Shenzhen spanning Hong Kong, Macao and part of the Pearl river delta can turn to its xmsn on 89.8 MHz FM. Sked is 2255-0530 daily. Pgmng includes Shenzhen nx, spl report of the 8th Asian table tennis competition (to be hosted in the city starting 6/10), literature and arts, and ads (WBI 17/10) Wish I'd known about this when I was in the area; certainly not hrd when passing thru Shenzhen on train, but that was in the evening; during a week in Hong Kong, mid-Oct and early Nov, constantly tuning around the FM band, never hrd either tho from hi-rise hotel in Kowloon Guangzhou-99.2 and Macau-98 could be hrd (gh)

Guangdong PBS, Canton reported 8/10: Today the genl office of the prov govt issued a circular promulgating regs on protecting radio & TV facilities; impose following demands on all admn organs, mass organisations, army units, enterprises, institutions and individual citizens: (1) They may not build large things w/in 0.5 km of radio and TV ants. (2) They may not shoot, burn grass on waste land, dig earth, build ditches, carry out blasting, raise domestic animals or place inflammable and explosive materials and sundry other items in areas near antennas. (3) They may not dry their clothes on radio and TV facilities, tie their animals to them, connect their own electrical lines, loudspeakers or other receivers to them, or use the radio stns' hi-fq radiated energy as a source of light [!]. (4) They may not move or dismantle radio & TV facilities w/out au thorisation. They may not obstruct the use and maintenance of radio & TV facilities. (5) The establishment of facilities, which may result in a relatively strong electromagnetic field w/in 3 km of the boundary line of an antenna area, must be approved by radio & TV mgt depts and the wireless mgt committee. Who-soever violate the regs must be given admn & econ punishment by radio & TV dept mgt in conjunxion w/other depts concerned. Those who violate laws must be dealt with by judicial depts (WBI 17/10) #3 is especially important, since in south China, and even more so in Hong Kong, anything resembling a wire or a pole will promptly be covered by drying laundry (gh)

Monitoring 25/10: R Beijing's 15-16 Bengali svc on 25/10 now contains a 10-min segment in Bengali produced by UN Radio, on 7080 7065 6550 at 1506-1516, de scribed as "Newsreel--the weekly nx from UN Radio". Normal RB nx was reduced from usual 15 mins to 5 on this occasion. Similar weekly segments from UNR also believed to be w/in one of RB's EG & Std CH svcs to As but not yet confirmed (WBI 31/10) [more below] & see also UNITED NATIONS

Kyodo nx agcy, Tokyo, reported 5/11: USSR has stopped jamming Russian bcs of R Beijing for first time in 20 yrs, in an apparent move to improve rels w/ China, Japanese sources said 5/11. R Beijing's RS svc has not been electronically blocked by Sov jamming since 12/10. USSR has also suspended jamming bcs in RS by Albania and South Korea. USSR & China began jamming each other's bcs in the 1960s when sharp ideological diffs emerged. China stopped its jamming of Chinese-lang bcs by R Moscow 4 yrs ago. USSR continues to sabotage bcs in RS by VOA, BBC, Kol Israel and R Liberty. Sov's current systematic jamming of W bcs in RS was resumed in Aug 1980 when labour unrest spread in Poland (WBI)

Monitoring 27/10 to 6/11: The only remaining xmsn (at 0300) of a recording of a R Beijing Russian svc pgm played backwards was hrd in 'forwards' mode on 27/10. Channels which had carried it (9335 and 8260) were // conventional bc, 15435 11755 11515. "Backwards" bcs were first discovered in spring 1967. There had been up to four of them a day but they had dwindled to one by May 1985. A survey of RB's RS svc on 5/11 & 6/11 reveals there are currently thirteen 55-min xmsns a day. No jamming or intentional interference to this svc was hrd during the survey period. A new sked'll be published shortly (WBI 14/11) While visiting R Beijing 20/10, I brought up Backwards Russian and asked them why they did it. No one in the English section could explain it. Fortunately, while in Xian 22/10, I monitored and taped a sample of this at 0318 on 9335 // 8260 (gh)

Xinhua reported 11/11 from the UN: China has expressed firm support for the establishment of a new world info & comms order. China's deputy permanent rep to the UN, Liang Yugan, told a spl committee of the Genl Assembly that serious imbalances still exist and NWIO is winning support of more & more countries... Liang also told the committee that China's R Beijing, in response to a UN request, began regular SW bcs 19/9 of the UN Radio pgm in Bengali, Chinese and English to NEAs, SAs, SEAs, and the SPac (WBI 14/11) The only EG bc previously reported doing this is the Sat 1200 to SEAs on 11600 11755 15280, presumably not // the simultaneous NAM svc on 9645 and 9535 (gh) & see above & UNITED N

DX NEWS

Oct. 10, 1986

compiled by Tetsuya Kondo, Japan

CHINA (PEOPLE'S REPUBLIC)

China finished the DST on September 13th. Clocks has been gone back as "Beijing Time" UTC+8, "Urumqi Time" UTC+6 since 14th. (Ed.)

CPBS started to operate an autumn shortwave transmission schedule on Sep. 6. A recent survey shows:

Broadcast for Minority Nationalities:

0000-0026	Tibetan	15670	11630	11375,	0030-0056
Uighur	15670	11375	10260,	0100-0126	Kazakh 15670
11375	10260,	0430-0456	Korean	9920	9775 8566,
0500-0526	Mongolian	9920	9775	7095	6430,
0530-0556	Tibetan	17635	15670	11630,	0600-0626
Uighur	17635	15670	10260,	0630-0656	Kazakh 17635
15670	10260,	1000-1026	Korean	9775	8566 5420,
1030-1056	Tibetan	11630	11375	8566,	1100-1126
Uighur	11375	10260	8566,	1130-1156	Kazakh 11375
10260	8566,	1200-1226	Korean	5420	5030 4190,
1230-1256	Mongolian	7095	5420	5030	4190,
1300-1326	Tibetan	11630	11375	8566,	1330-1356
Uighur	11375	10260	8566,	1400-1426	Kazakh 11375
10260	8566,	2130-2156	Korean	5420	5030 4190,
2200-2226	Mongolian	7095	5420	5030	4190.

(Nobuo Hina, Satoru Suga)

Broadcast to Taiwan: 1st Program at 0055-0609 & 0955-0003 overall; 15710 0055-0609, 11925 0055-0609, 11100 0055-0609 2306-0003, 9455 0055-0609 2301-0003, 9380 0955-1220 2246-0003, 7620 0955-0003, 6015 0955-2305, 5125 1221-2245, 3815 0955-2300, 2nd Program at 0355-1803 & 2055-0103 exc 0603-0954 on Wed overall; 15880 0355-0915, 11000 0355-1014 2316-0103, 9170 0916-1459 2230-0103, 6790 1015-1803 2055-2315, 6095 0355-1415, 5090 1500-1803 2055-2229, 4850 1416-1803 2055-0103. (S. Suga)

V of the Strait BS shortwave transmission schedule effective from Sep. 14 is monitored as follows.

1st Program: 1000-1756 & 2100-0026 overall; 6765 1000-1155 2331-0026, 3200 1000-1756 2100-0026, 2490 1156-1756 2100-2330

2nd Program: 0400-1626 overall; 9540 0400-0958, 6400 0400-1100, 5770 0400-1200, 5240 0400-1159, 4840 0400-1626, 4045 1000-1626, 3535 1200-1626, 3300 1101-1626 (S. Suga)

Hubei Province Meteorological BS is currently observed on the following frequencies: 1100-1105 Standard Chinese 5991, 4886kHz. (S. Suga)

Hunan Province Meteorological BS continues to be heard on 10945 & 7950kHz at 0820-0835 & 2310-2330. The frq 5175kHz shown in the letter from this station can be not observed. (S. Suga)

CHINA (PEOPLE'S REPUBLIC OF) (November 5 issue)

Guangxi PBS new service which was reported as its new educational radio by BBC-MS can be heard daily. Exactly the service is announced as "3rd Program". It is broadcast at 0955-1230 and in the daytime (in China) on 5920kHz only.

(Isami Hyuga)

According to the recent Chinese Radio Journal, Central PBS would renew a shortwave transmitting schedule on November 2. And it will change the program schedule widely on January 1, 1987.

(T. Yamashita)

The first day broadcast of English "City News & Weather" from Shanghai PBS could be heard on Sep. 15. The program preview showed the program timetable:

0610-0615 (exc. Sa.)	990kHz
1115-1120	990kHz
1300-1305	103.7MHz
1430-1435	1296kHz

(Tatsuo Gima)

CPBS on 4905 (Beijing) and 5860 (Shijiazhuang) with talk & ID at 2245; over Brazilian at tune 2238 but f/out by 2257 8/11. Sites per R Database Intl; CPBS 5075 at 2224 16/11 w/mx, probable rx 2230 by M & W; TBS & WRTH say Beijing while RDI says Urumqi (Richard A D'Angelo, Wyomissing PA)

C O L O M B I A LV de la Selva, VG on 6170 18/10 1055 (Christos Rigas, Chicago) R Sutatenza back? fútbol match 0117 23/10 on 5094, no ID; hvy CW QRM w/F sig (Charles Weiss, S Euclid OH)

Armonías del Caquetá, 4915, could only be rcvd on Sundays on SW during the last 2 months, Aug & Sept, here in Venezuela (Michael Schmitz, Valencia, DSWCI)

C O S T A R I C A Rcvd QSL postcard from R Reloj for 26/9 log on 4832; they claim 2½ kW; reply in 15 days, nicely designed card w/a few misspelled words in the graphics. Sig very clear for only such a paltry amount of kickout watts (Mike Waylonis, Erie PA)

C H I L E R Sistema Nacional for several days now on new 15150 ex-15140 // 9550 and 1140, SP only; also, Chile has gone on DST of UTC -3 (Gabriel Iván Barrera, Buenos Aires, Argentina, 31/10) 1/11 back to 15140 (Barrera) Typical

D O M I N I C A N R E P R Clarín, 11700, P-F sig at 0000 15/10 w/Carib tunes and SP ancr; mx ID at 0005; checked again at 0100 to find stronger sig also in the clear w/LAm pops & love songs (Charles Weiss, S Euclid OH) Also hrd it once or twice in early Nov as late as 0230 but inactive again since (gh)

R Discovery, 15045, F-P 2000-2130, first hrd 18/10; probably increased power as never hrd here before (Christos Rigas, Chicago IL, 27/10) RD on 15045, 1840-2030 t/out 11/11, and again at 2130 15/11. Mainly Carib mx. J White w/mbg and later Sto Domingo Journal. On Vet Day a live phone call between Jeff & Rudy. Gave request number 813-360-4505. Mentd considering use of 6245 eves in near future. Said 13-16 on Suns. P at t/in, but steadily improved to G by 2000 (Richard A D'Angelo, Wyomissing PA)

E Q U A T O R I A L G U I N E A R Nacional, Bata, running late for independence day 12/10 weekend celebrations! Tribal mx and live speeches on 5004 2321-0104* 11/10. Usual 1-o-n-g anthem (Richard A D'Angelo, Wyomissing PA)

E S T O N I A N S S R If it were not for the lack of "The Internationale" Russian anthem at s/off [? I thought they used The Soviet Union Hymn -gh], I would say positively that I hrd and taped a remarkable reception from Tallinn 26/10 from 2110 t/in to a 2205* on 5925, F-G levels. What I need is an authority on these regional stns in the USSR on whether they at times s/off with a regional anthem, as the lengthy choral s/off was one I have never hrd--but whatever the case, this was a fascinating reception and I will give a full de-

scription. But let's first add that on 28/10 & 3/11, on checking for it, I was unable to confirm its presence, as what poor signal was there, was being destroyed by some up-frequency splatter--some stn in English. The S10 on 26/10 was 433+. The format from 2110 to 2135 was a M host in unkl Eurolang--none of the common ones, not French nor Russian nor Swedish nor Italian nor Polish nor German--and the music was a curious bag of country-western, funk and just plain 'pop', but in this unkl lang--so obviously homegrown talent. A pop song played thru 2130 but at 2135 there was a 9-note IS, 2 short, one long with last note quite long, played on an organ. A W then gives an ID that could well be "Sinn Tallinn" as it sounded like "Seen dah-lean". This was followed by another signature song that sounded a bit like a "stein-drinking" song. Then W & M talking about "god knows" w/EZL-breaker mx up to 2200, when the choral anthem commences. The carrier went off at 2205. The format, the 2135 transition, and the 2205* all befit Tallinn--I have old tapes of a Tallinn reception back in 82 on 6085, but not patient enough at moment to search out, and my memory of it is now "d.m." Unlike last year, I am for now not noting a Russian FS on 5925 at 2100 to 2200+ so for the time being this stn, if indeed Estonia, appeared to be in the clear. I should add that when the openings occur this QTH gets absolutely stunning reception from Northern Europe. (I also should note that at this QTH Papuans are almost as rare as the dodo bird--a fine example of what a slight change in longitude and latitude can do, as in SE Pennsylvania, the Papuans were terrific--given an opening) But to sum up, if this 5925 is in fact Estonia, there seems to be a modest chance to log this truly rare one, given 'the breaks'. Would appreciate comment, regards the anthem s/off here from one of our USSR DX-aficionados. Thank you! (Maxfield Greenwood, Sedgwick ME, 40 mi SE from Bangor on the Rocky Shore)

F I N L A N D R Finland, in EG, Complete: 0530-0555 Eu/ME/Af 11755 9605 6120. 0730-0755 Eu 11755 6120 963 558 254. 0830-0930 Sat Eu/As/Au/Am 11935 11755 9655 6120 963 558 254. 0930-0955 Eu/As/Au/Am 11935 11755 9655 6120. 1200-1225 M-F Am 15400 11945. 1300-1325 M-Sat Am 15400 11945. 1330-1500 Sun Am 15400 11945. 14-1425 M-Sat 15400 11945 Am. 1500-1525 ME/Af/Am 15400 15265. 1930-2000 Sun-Fri Eu 11755 9530 6120 963 558 254. 1955-2000 Sat Eu 11755 9530 6120 963 558 254. 2030-2100 Eu 6120 963 558 254. 2200-2225 Sun-Fri & 22-23 Sat Eu/As/Au 9575 6120 963 558 254 (WBI 17/10)

F R A N C E France Inter reported 17/10: The Polish section of RFI has rcvd an honour. It has been voted the best radio stn currently being in the Polish lang by the Assn of Polish Journalists. The Assn stresses the pro quality and the rôle played in the intellectual, cultural and social life of Poland by the Polish pgms of RFI (WBI 24/10) RFI EG Af 16-17 15315 11930 11805 11705 9860 6175 (WBI 21/11)

G A B O N SRI Bern 18/10 replied to a listener's question on the planned relay of SRI via Africa No 1: no confirmation that this is going to begin in Nov; contract not signed yet. It looks good for Nov. Will be relay to SAm, but it's between the Swiss PTT and the ops of the stn in Gabon. (PTT sked for D86 shows 9625 2215-0100 via Moyabi) (WBI 24/10)

G E R M A N Y W E S T DW D86 sked sent to monitors: EG to NAM: 01-0150 on 6040 6085 6145 9545 9565. 03-0350 6045 6185 9545 9565. 05-0550 5960 6120 6130 9690. GM to NAM: 12-14 11705 15275 17715. 18-20 15275. 22-24 6100 9735 11750 15410. 00-02 6100 9640 9735 11750 15410. 02-03 9640 11750. 02-04 6085 6100 6145. 04-0547 6045 6085 6145, and from 0300 on 9605 (DW 10/10 via Eric Falkenhan Baltimore MD)

DPA mx agcy reported from Cologne 10/11: Present director of DW, Klaus Schütz, will have to resign his office at the end of June 1987 in favour of his deputy, Heinz Fellhauer. In the 11-membr Radio Council of the FR's overseas bcng stn, in which membs close to the CDU have the majority, Fellhauer (58) rcvd 10 votes in the third ballot for the new dir on Monday morn; one council member abstained... (WBI 14/11) Politik über alles (gh)

Bayerischer Rundfunk sent date/fq QSL sticker/card in 54 days, for 6085 (Richard A D'Angelo, Wyomissing PA)

G R E E C E V of Greece sked valid until 1/3/87; *via Kavala 250 kW, rest are Avlis 100 kW; underlined not used Tuesdays: 00-0150 NAM 9420 7430 7395*. 02-0350 NAM 11645* 9420 7430. 04-0450 Arabia/India 7430* 9420 7395. 05-0615 ME on 9420 9395* 7430. 0630-0730 Eu 9420 7395. 08-0850 Azores 15625 9420. 09-0950 Au

17565 15625. 10-1050 Japan 15630 11645. 11-1120 ME 11645 9815. 1130-1150 E-
gypt/Libya 11645 9815. 12-1250 NAM 15630 11645* 9815. 13-1350 CAF 17565 15630
11645*. 14-1450 Tashkent 11645. 14-1450 Arabia/India 9815* 7430. 15-1550 NAM
17565 15630 11645*. 16-17 Balkans 9395 7395* 1170. 1715-1750 USSR 11645 9420*
7395. 18-1850 SAF 15630 11645* 11615. 19-1950 Eu 9420* 9395 7430. 20-2050 Bal
kans 9420* 9395 7170. 21-2150 Au 9420* 7430 9395. 22-2250 Au 7430*. 22-2350
SAm 9420 9395. 23-2350 Panamá Canal 11595.

Macedonia via Thessaloniki: 06-0950 Sun 11595 9935. 10-1730 11595 9935. 18-
2215 7495 7485. (Christos Rigas, Chicago IL) Radiofonikós Stathmós Makedonías
9460 sent full data including site & stn "View of the Temple Apollo" card in
129 days, direct from Thessaloniki; v/s D Goussides, Dir (Richard A D'Angelo)

G U A M Per anmt on KTWB, QSY 11735 to 15115 2/11 for Au, Mon-Thu 0740-0900;
Fri/Sat from 0725, Sun from 0715. Russian is on new OOB 7355 15-1530 ex-7140
(Robert Chester, RA JP DX Time 9/11)

H U N G A R Y The Post Office has put new stns into opn this year, both of CCIR
sound quality, and therefore better than the OIRT std used in Hungary so far.
The Kabhegy xmtr had bc the GM lang Danubius svc on 100.5 MHz until 1/10; now
this xmtr is bcng the Kossuth pgm, for the time being in mono but expected to
switch to stereo from Jan next year. Danubius tourists radio stn'll begin bcng
its pgms again next year on 1/5 (WBI 10/10 quoting Nepszabadsag 3/10) +LMI

I N D I A AIR GOS in EG: 00-0115 As 15110 11740 11715 9910 9535 7215 6035.
10-11 As/Au 17875 17387 15335 15320 11920 11725. 1330-15 As 15335 11810 9545.
18-1845 Af 15280 11940. 1845-1945 Eu/Af 15280 11940 11620 7412. 1945-20 Eu/ME/
Af 15280 11865 11940 11620 9755 7412. 20-2045 Eu/ME/Af 11865 11620 9910 9755
7412. 2045-2230 Eu/Au 11715 11620 9910 9550 7412. 2245-24 As 11740 11715 9910
9535 7215 6035. News & commentary generally at the top of the [UTC] hour, ex-
cept 1330. Program preview: 0110-0115, 1015-1020, 1057-11, 1345-1350, 1453-
1455, 1815-1820, 1845-1855, 1959-2000, 2015-2020, 2044-2045, 2110-2115, 2159-
2200, 2315-2320 (WBI 17/10) Nice to know those times, as almost impossible to
get AIR's pgm magazine abroad in advance by airmail (gh)

AIR hrd w/regional and development nx at 1135 on 2376; in all probability
harmonic of AIR Bombay 1188 (Supratik Sanatini, Oct IDXC1 ADXR)

AIR Kurseong can be hrd w/EG pgm "Kurseong Calling" 0705-0720 on 6100, con-
sisting of pop mx. 0700 relays nx in Nepalese of AIR ES 07-0730 on 7110 9610
11730. Stn is situated right in the heart of the GNLF troubled Darjeeling dis-
trict. So watch out for it may spring surprises (ibid.)

AIR has dropped Konkani svc; lang used in Goa, but recent Maharashtra state
policy indicated they are goang to make Marathi the offl lang of Goa, not to
the liking of the Goanese (Jose Jacob & Victor Goonetilleke, Oct UADX)

I N D O N E S I A RRI Jakarta Programa Nasional on new 2305v ex-2332, // 9680
7270 6045 arnd 1300-1705* (Sarath Weerakoon, Sri Lanka, Oct UADX)

RPD2T Ngada Bajawa, 2904, IN pops 1314-1415 w/a very laid back M ancr! Still
running at 1415 & showing no signs of closing, F w/VG peaks 26/10. RPD2T Mang-
garai, 2962, mix of US pops, IN pops, kroncong from 1338 to 1400*. Off after
short anmt by W, F 26/10 (Gordon Darling, Papua New Guinea, ADXN)

RRI Manado, 5980, moved from 5987; ID at 1000 but no Jak nx until 1015 when
R Beijing opens blocking fq (Arthur Cushen, NZ, Oct ADXR) more, LMI

I R A N VOIRI, 13/10 1114-1124 in EG on 11790 // 15084, 23432 (Thomas A Heumann,
Germany, DSWCI) 15084 pretty good here, EG 1115-1210, poor mod (gh) Mbg Fri is
a riot, w/various alleged European & American listeners praising Khomeyni (gh)

I T A L Y - AWR Forlì have been ordered to vacate 6207 and 6215 by the Italian
PTT. On 29/8, 30/8, 31/8 they tested several fqs to find a clear one morns &
eves. Only 6265 gave good reception, where they seem to have settled. In eve
6015 7125 9670 were VP and morn 7135 7260 7180 9605 11770 all P (Edwin Southwe-
ll & Noë1 Green, Oct DSWCI SWN) AWR Forlì is off the air until further notice
per AWR DX pgm 19/10! (Andy Sennitt, Nov DSWCI SWN) AWR introed new sked at
start of Oct; EG 07-0730 9605 (Sun 7135 instead), 1930-20 on 11770 (Mick Ogriz-
ek, RA JP DX Time 19/10) AWR-Europe this wknd ancd suspension of SW xmsns from
Forlì for tech reasons. PTT objected to OOB. Greg Hodgson of AWR said they'd
now try to find somewhere in band, prob 9605 at 06; as from 27/10, will test

between 1330 and 1800 on 6015 6145 or 7165. (RNMN 23/10 via WBI 31/10) Monitoring 27-28/10: Brief & repeated AWR test xmsns were hrd on 27/10 & 28/10 from 1330 on each of the three stated fqs., 7165 6145 6015. Lite mx interspersed w/ anmts in EG, FR, GM. IDed as V of Hope, Adventist World R, and gave addr as P O Box 383, 47100 Forlì, Italy (WBI 31/10)

I V O R Y C O A S T is back on 4940 w/ G-VG sig, // 6015--or is it 6010--I forget (Maxfield Greenwood, Sedgwick ME, late Oct) RTVI, 6/10 using 9670 2027-2100 but 12/10 only on 9620 2003-2105 // 4940, 32243 w/co-channel Russian QRM. to 0003* on both w/NA; 15/10 again at 2125 on 4940 // 9620 (Roland Schulze, Stuttgart FRG) RTVI on 11920 SIO 454, //4940 VP 2035-2132 w/lively talk & hilife mx, 2100 nx; no 3lmb fqs found (Richard A D'Angelo, PA, 16/11)

J A P A N R Japan intends to renew xmtrs in KDD Yamata facilities, Ibaraki Prefecture. First new xmtr will be operated as from Nov and present xmtrs will be gradually exchanged for new ones. Existing nine 100 kW xmtrs including one reserve and one 50 kW xmtr will be finally discontinued and four new 300 kW and four 100 kW ones will be operated in March 1988. Q-1 xmtr of 100 kW from Nov 2, P-1 of 300 kW from Dec 1, Q-2 of 100 kW from Jan 1, 1987, P-2 of 300 kW from Feb 1, P-3 of 300 kW and Q-3 of 100 kW from July 1. Q-4 of 100 kW from Sept 7 and P-4 of 300 kW from March 1, 1988 (Atsushi Ohtsuka & Toru Yamashita, ABI)

New R Japan 6120 kHz relay via Canada QSL w/date/fq/site card in 12 days (Richard A'D'Angelo, Wyomissing PA, 16/11)

R Japan in EG: Genl svc: 01-0130 As 17845 17810 15350 15235 11840. 03-0330 As 17845 17810 15350 11840. 05-06 As/Au/Am 17810 15235 5990. 07-08 Eu/ME/Af/As/Au/Am 17810 15235 15230-M 11955 5990. 09-10 Eu/ME/Af/As 17810 11955 7240. 11-12 As 9695 7240 6120=from 1130 [I didn't think this was // the last half of the hour bc on other fqs -gh]. 14-1430 As/Am 9695 7280 7240 5990. 15-16 Eu/ME/Af/As/Am 17785-M 9695 5990. 17-1730 Eu/ME/As/Am 9695 5990. 19-1930 Am 9505. 21-2130 As 7140 5995. 23-24 Eu/ME/Af/As/Am 15235 9645-M 7140 5995.

Regional svcs: 02-03 Am 15195 9725. 04-05 Am 9525. 09-10 Au 15235 11875. 1215-1245 As 11875 9675. 18-1830 Af/As 5965 (WBI 7/11) M=Moyabi, Gabon

Richard Wood's unID NHK HS stn on 9590 is JQK22 Tokyo Kawagu with 900 watts, emergency fq 01-07 except on Suns, per our HS Stns Outside the Tropical Bands list (Noel Green, DSWCI SW News)

K A M P U C H E A Suddenly VOKP appeared on 5035, well hrd 18/9 1200 //6090; the latter was E, much stronger than usual, 5035 F-G; so a new xmtr seems to have been introduced (Sarath Weerakoon & Victor Goonetilleke, Sri Lanka, UADX)

K A S H M I R A Z A D have been noticing AKR the past two weeks *1200 on 4790 (Christos Rigas, Chicago IL, 27/10) see also PAKISTAN

K O R E A N O R T H Three KCBS DS have recently shifted SW fqs: Kanggye 4273 to 3960 on 13/9 or 14/9; Sariwon 2670v to 2529 on 26/9, and Hamheung 2775v to 2581 on 1/10. The reason for phenomenon of shifting continued Wonsan, Pyongyang and Shinuiju. [sic]. And Pyongyang BS 3015 to 3250 since 22/9; 6400 to 6000 since 7/10. KCBS Pyongyang 6600 to 6100 since 9/10. New fqs 6000 & 6100 have been applied to ITU (T Yamashita, S Suga etc, ABI Oct)

KCBS regional stns fq-shift info: KCBS Sariwon 2529 to 2350 14/10; Chongjin 2695v to 3980 30/10; Hamheung 2581 to 2400 4/11. Pyongyang BS 6000 changed back to 6400 since 1/11 (T Yamashita, Tetsuya Kondo, Shigenori Aoki, Nov ABI) KCBS regionals have almost finished moving; monitoring now shows the complete list: 3980 Chongjin ex-2695; 3960 Kanggye ex-4273; 3920 Sinuiju ex-2746; Pyongsong 3350 ex-2765; 3222 Wonsan ex-3030; 2400 Hamheung ex-2581 ex-2776; 2350 Sariwon ex-2529 ex-2670; 2300 Hyesan same (Tetsuya Kondo, Nov ABI) Sked for all the regionals is 2000-1800; Pyongyang 3250 2255-0330, 0555-0830, 1500-2030; 3320 at 21-19; 6250 21-0930 & 15-19; 6400 21-19. Central BCing Stn 2850 20-18; 6600 20-0830 & 15-18; 9665 20-0930 & 16-18; 11680 20-18 (NDXC via Oct UADX & Oct IDXCI)

KCBS Pyongyang seems to have replaced 6600 by 6100 for DS in KR, // 11680 9665 2850 810 at 20-18, as monitored 22-29 Oct (WBI 31/10)

K O R E A S O U T H TASS reported from Tokyo 8/11: KBS, offl propaganda mouthpiece of pro-American Seoul regime, is on verge of bankruptcy. In 10 months of the current year it rcvd only 65% of the fixed subscriber payments from SK residents who more and more often refuse to finance the propaganda machinery of the Chun Doo Hwan regime. Leading opposition organizations are now

launching a campaign to boycott KBS. A statement by the SK Natl Council of Churches says the corp has lost entirely the trust of the people since it circulates lies and slander suitable to the ruling clique (WBI 14/11) Yawn

K U W A I T R Moscow no longer QRMing R Kuwait's EG 18-21 on 11675, 4/10 (Charles Weiss, S Euclid OH)

R Kuwait, 15505, 8/9 1500-1635 soccer comtry in AR, Not // other fqs! At half time, mx & std ID as "Huna Kuwait". Not the first time I've noted different pgm, tho never indicated on stn's offl sked! (Andy Sennitt, DSWCI)

L A O S Monitoring 28-30/10: A stn IDing as "the radio bcng stn of the capital Vientiane" (Laotian: Vitthayou Kachaistang [sic-gh] Nakhonluang Vientiane) obs since 28/10 on 4440 and 1200 kHz, sked 2230-01, 04-06, 10-1230 w/local nx 2330-24, 0430-05, 1130-12; remainder of pgms are relay from natl radio svc in Vientiane (WBI 7/11) see also NEPAL

L I B E R I A ELWA testing new fq 11860, 2/9 2015-2020 TS & IDs in FR/EG/AR, 44444 (Björn Fransson, Sweden, DSWCI) On new 11955 7/10 0714-0717 AR pop mx, ID, 32432 (Thomas A Heumann, Germany, DSWCI SW News)

L I B Y A Monitoring 2-7 Oct: Use of SSB for Libyan DS & ES in AR continues, apx sked 0630-11 13300, 11-15 14000, 15-18 10000, 18-1930 9000. On occasions the 14000 channel has also be hrd at 0630-11 // 13300. All USB. Libya switched to winter time 1/10, and consequently all xmsns are now one hour later by GMT than during summer (WBI 10/10) Monitoring 15-21 Oct: USB on 14000 13300 10000 and 900[0] not obs since 15/10. Had been intermittent & variable since 20/9 w/DS and VOTGAH ES in AR (WBI 24/10)

MALAYSIA, IMI

M A U R I T A N I A ORTM Nouakchott proves to be another 7 MHz stn audible here on Fridays only, *0800 on 7245. Beware of Algiers daily on 7246. ORTM seems to vary down to 7244 and is separable from 7246 (Noël Green, Nov DSWCI)

M É X I C O R Universidad Nacional hrd on 9600 since 17/9, down from 9602; mostly cl mx 1310-1500 f/out; also 00-03; at 0020 FR lesson some days; F on SPR-4 (Ernie Behr, Kenora Ont, 9/11)

Hrd an interesting pgm 5/10 on RMI at 2300, "México Indígena" on history & culture of early inhabitants; this edn on the arrival of Cortés; G on 15430 (Chuck Weiss, S Euclid OH)

M O N A C O TWR on 11635 in EG 1758-1830*, "Insight for Living", 24322 (Kenji Hashimoto, Japan, DSWCI SWN Nov) Date was 11/9

M O Z A M B I Q U E R Moz, Maputo, ancd 7/10: from 9/10/86 to Apr 87, the DS of R Moz '11 op on 25, 31, 41, 60 and 92mbs, 407m MW; due to shortage of spare parts, 19 & 49mb xmters will not be in opn (WBI 10/10)

N E P A L Latest sked of 'oft changing in recent times' R Nepal as monitored here is 5005, 7165, 684, 792: 0015-0415, 0715-1045, 1145-1715. No separate ch for commercials as in the past but ads are accomodated in present sked; in EG & NP (Supratik Sanatani, India, Oct IDXCI ADXR)

R Nepal has EG ancd as ES at 1115-1145 on 7165, then NP. Starts w/nx, then spoken pgm on Nepal and some mx. 5005 *1145 becomes //. (Gerhard Werdin, India, Oct UADX) I have a problem getting respectable reception. On 7165 I hear R Singapore's Indian lang svc at this time. Nepal is on 7164.5, and to complicate matters further Laos Xieng Khouang has reappeared after about 2 years, on 7163.5 --on the 5LJ4 even with its ailing condx I can separate the three but certainly not armchair level. I don't think even an NRD-525 can do that! (Victor Goonetilleke, Sri Lanka, Oct UADX)

N E T H E R L A N D S On RNMN 9/10, Jim Vastenhou, a member of the Dutch PTT delegation to next year's WARC was interviewed about the new ITU computer plan for the allocation of SW fqs. Less than half the requirements can be fitted in to existing SW bands. A trial run this year resulted in Holland losing only 22% of present transmissions, but losing all xmsns with more than one fq. Per the plan, one FR, one AR, and one EG xmsn for a certain season is not allowed to be on the air. You're never sure if they will be on the air the next season because the planning system works season by season, which means a big problem

of continuity coming. Under the new plan, even jammed bcs would get no more than 2 fqs (WBI 17/10)

NETHERLANDS ANTILLES TWRs 500 kW MW xmtr has been in use since the beginning, 1964, and has outlived its 20-year life expectancy. Efficiency is decreasing and replacement parts are becoming more difficult to find. A new xmtr'd cost \$1.7 million, but TWR has purchased instead the 500 kW MW xmtr of Capital Radio, Transkei, which is 5 years old and was used only 6 months, for \$800,000 total, including shipping, insurance, installation, and \$300,000 worth of spare parts. TWR beat other bids for the xmtr, from govts in the ME and EEU who wanted it for propaganda purposes. Because it operates at 63% efficiency, rather than 50% as the current one, the newer xmtr should result in a fuel savings of almost \$120,000 a year--enough to pay for the entire price of purchase in just 6 or 7 yrs (TWR Bonaire Update, Oct, via Eric Falkenhan, Baltimore) 800 kHz

NEW ZEALAND RNMN reported 6/11: A Royal Commission presented a survey into being designed to look far into the next century. RNZ Intl has for many years had to put up with two 7.5 kW xmtrs. RNZI mgr Rudi Hill expressed disappointment that tho the comm sat for over a year and the report cost a megabuck plus and runs to 537 pages, RNZ ES just made one page. At least they recommended restoration of funding and expansion of the svc. But w/in 24h the PM said that legislation would be required to implement any of the comm's recommendations, and in his cheque book being had no claim to any priority. So nothing is likely to happen under the current govt but there is a general election next Nov (WBI 14/11)

NICARAGUA Sandinista TV reported 1/10: Nic telcomms and postal svcs (Telcor) is installing two SW radio stns to counter bcs by forn stns that xmit counterrevolutionary propaganda. Telcor Minister Col Leopoldo Rivas ancd 30/9 (WBI 17/10) Contra-contra, eh? Means this being, or jamming? (gh)

NIGERIA VON on 7255 at 0514 26/10 covering R Botswana, SIO 444. BC to Waf, 0515 Africa This Week pgm (Richard A D'Angelo, Wyomissing PA) see also UN

PAKISTAN R Pak, Islamabad, hrd on 5090 ex-5096 w/EG nx 0300, Urdu nx-0309. 0400* abruptly w/out any anmt (Gerhard Werdin, India, Oct UADX) PBC Peshawar, 5010 regular morns & eves w/100% distortion factor heavily QRMing Nepal 5005 (ibid.)

R Pak WS (Alami Svc) in Urdu often relaying HS from Isbad: 0045-0230 SEAs 7315 11720 15115v=this one w/a terrible drone. 0715-11 WEu/NAf 15605 17660. 1330-16 ME 9465 11925 15595 17660. 1745-19 WEu 6230 9465 (WRTH says 1645-).

DS on SW: Islamabad 5095v 0045-04. 5905 0045-0245, 0250-0320. 7290 06-12. 9645 07-0820. 9545 0830-10. 6090 10-12, 6130 1213-1345. 7090 15-16. Peshawar 4950 13-1345 & 16-16 [sic]. Karachi 4814 0215-0515, 14-19, 0045-04.[sic]. Quetta 4880 0045-04 & 11-17. 5980 04-0615 & only Fris 10-1045. 5980 06-1045 [sic]. Rawalpindi 5010 0045-04, 04-05(Fri), 1115-1445, 15-18.

Azad Kashmir R [see also under K], 4980 morns apx 0045-04 but this fq also hrd on a Sun to 1130* 7265 to listed 0930*; 4790 *1200 w/ID, prayer call, quran recitations and continues to apx 1800. 5980 unhrd at 12, so probably dropped (Goonetilleke?, UADX Oct)

RP on 9455 1654-1710 25/10 w/Pak mx to ID, pips, TC & nx, SIO 242 (D'Angelo)

Xinhua reported 1/11 from Is'bad: R Pak is introing hourly nx bulletins from today as part of expanded pgm on intl and contemporary current affairs, per offl sources here today. Said there'd be 47 nx bulls daily between 6 am and 11 pm local, in Urdu, EG, prov langs such as Punjabi, Sindhi, Pushto. Every day there will be 12 Urdu and 6 EG nx bulls, doubling that of past. PBC says it's to bring about an effective focus on current affairs (WBI 7/11)

PANAMA Televisora Nacional reported 24/10 that the govt and justice ministry had issued a communiqué that in accordance w/the 1974 Brussels Convention, Panama would prevent distrib of unauthorised sigs in its territory. The local cable company, Rexsa, has been intercepting satellite-xmtd pgms aimed for use in US territory w/out any payment for rights, and distributing them for profit making huge earnings. Rexsa ancd it'd cut out Showtime and films not obtained by contract so it could resume opns... (WBI 31/10)

P E R U R América, 9509.5, hrd 1/10 from 0230 w/horse race in progress to 0330; F sig on SPR-4. Report in DXLD-10 and SWLD 20/9 of a new Rdif Huanta on 4890 seems strange, since two other stns w/same name already exist: R Huanta on 4830, and R Huanta 2000 on 4755, both reported since 1983 (Ernie Behr Ont)

R Eco, 5010 at 0340-0402 on 18/10 w/SP vocals, ID at F level. R Tropical, 4935, 0407 18/10 in the mud due to static levels. Caught s/off routine and orchestral NA. R LV de la Selva, 4825, 2340-0003* 24/10 w/lots of Pv vocals; ID 0000 and s/off routine; no anthem (Richard A D'Angelo, Wyomissing PA)

R Del Pacífico, OCX4H, 4975, active 23-0430; studios: Av Guzmán Blanco 465, 7º piso, Lima 1. R Nacional del Perú, Lima is on MW 850 OAX4A only--it does not bc on SW at present. This was the first stn in Perú, 20/6/25, inaugurated by Pres Lagua. In the 1930s, stn named OAX, R Nacional de Lima. Following years, a number of other stns started, so changed to OAX4A and OAX4Z--they had two MW xmtrs at the time. Pgming was radionovelas, typical Pv mx, lyrical mx, comical pgms, and nx--all done live. Stn is property of the Pv Nation, and now has its own stns around the country (César A Saavedra F via Martin Drefahl, Oct DSWCI SWN)

R Grau, 4004, replied w/ltr, postcard, picture from v/s Ignacio J León Alva. Addr is Empresa R Dif Grau, Grau 403, Huancabamba, Piura, Perú. Nom 4010, 500 watts. 0930-02. León does not indicate his position but seems owner. Says is native of Trujillo but has taught in the beautiful little city--and indeed it seems so from the pix--of Huancabamba for many years. It is known, and tourists come, for medical baths in Las Garinjas lagoons. Many letters from listeners who enjoy 'la música peruana' (Tuchsherer, Don Jensen & Valko in NU, Nov DSWCI)

R Marginal, Tocache, 4039.4, 0153-0315+ appropriately at marginal level--best USB to avoid bulk of fax QRM w/unID live remote event hosted by M ancr; mx pgm shortly after 0200, mostly ballads and cumbias, not much sounding too rustic. 0225 & 0227 clear IDs. Tnx Pedro F Arrunátegui tip via David Potter (Terry Krueger, 8/10, Nov DSWCI SWN)

El Comercio, Lima, reportd 3/10: 2/10, Pv govt returned to their legit owners xmting eqp of stns Victoria and Reloj, which were confiscated a sesquidecade ago by mily regimes in power at the time (WBI 17/10)

P H I L I P P I N E S FEBC hrd OOB 9800 in Chinese till 1400, presume ex-9715 or 9635; seems to open at 1100 (Noel Green, UKOGBANI, Nov DSWCI SWN) FEBC 1/9 0000-0200 on 11850--should have been on 11865; QRM to BBC SEAs svc. Eve svc in EG 13-1430 is on 11850, so obviously carelessness of technicians. Same error at least 4 or 5 times per month! (Goonetilleke, Sri Lanka, Oct DSWCI SWN)

FEBC's DX Dial pgm is now hrd at 0140 Sats on 11865 (Uma Kanthan, Sri Lanka, Oct UADX) i.a.

R Veritas Asia; at long last on 7/9 the first of two new 250 kW xmtrs hit the airwaves, hrd in various E & SEAs langs but EG ID halfhourly, on 6160 at 1230-16; 23-03 on 9740. From 5/10 9740 moved to 9730. 23/9 this xmtr broke down--I don't know exactly why yet--but resumed 6/10 seemingly on reduced power. 5/10 made some fq changes to SAs. 00-01 11820 ex-11730 //15255. 01-02 11755 ex-11730 & 15130 ex-15777; 1230-1430 9585 ex-9540; 1430-16 9700 ex-9565 ex-15275; on 2/11 1430-16 9710 ex-9700. 250 kW xmtrs sked: 2330-24 Viet, 00-0030 Jap, 0030-01 Burm, 01-0130 Karan, 0130-02 Kachin, 02-03 Viet all on 9730 with 100 kW 15195. 1230-13 Chinese, 13-1330 Burm, 1330-14 Kachin, 14-16 Viet & Chinese on 6160 (Oct UADX)

Manila Times, 2/10 reported: Malacañang will investigate reports that Radyo ng Bayan, a govt radio stn, is being used by left-leaning ancrcs to slander the military. Deputy Exec Secy Fulgencio Factoran said 1/10 the govt'll not allow use of its facilities by people out 'to put a wedge betw the mily and the civilian govt'. Factoran was guest spkr at the Philippine Columbian in Paco, Manila, when he was informed that certain Radyo ng Bayan ancrcs led by Doy del Castillo, Vice-Mayor of Marikina, were using their pgms to extol virtues of the New People's Army and discredit the military. Factoran was also informed that del Castillo even organised a mvmt seeking to oust Def Min Juan Ponce Enrile from the cabinet [& he was ousted by Aquino around 21/11 -gh]. "That's despicable & very upsetting," Factoran said. Called mgmt of Radyo ng Bayan 'stupid' for allowing use of govt facilities to slander military. "I'll have that immediately investigated," he said. He did not, however, say what disciplinary action the govt'd impose on the stn mgmt and the radio ancrcs involved in the alleged anti-mily campaign (WBI 10/10)

Manila Chronicle, 1/11 reported: DZAF the radio stn of the Defence Ministry

and the New Armed Forces of the Philippines [NAFP], has ancd new pgm sked which includes interviews w/top mily leaders and selected bcers explaining the views of the armed forces on the insurgency, peace and order and other problems. Leading the weekend sked is Brig Gen (ret'd) Isidro Agunod, asst secy for plans and pgms of the DefMin with his 'Straight from the Soldier' pgm at 9am Sats. At noontime, 'Lunch Date with a Star' features top mily commander s as they explain the opns and policies of the NAFP. MajGen Salvador Mison, deputy chief of the NAFP civil relations svc brings to the air his column 'Honestly Speaking' at 6 pm Sats. [DZAF is on 1134 kHz MW] (WBI 14/11)

P O L A N D AFP reported 2/11: R Solidarity, the pirate stn run by the underground remnants of the banned trade union, bc dissident poems and songs on primetime TV in Warsaw Sat night 1/11, per reports from several parts of the capital. Stn overrode sound signal xmted on main state TV ch to put out a 15-min audio pgm dedicated to Father Jerzy Popieluszko, the pro-Solidarity priest murdered by 3 policemen in Oct 1984. R Solidarity also bc in the Praga district of Warsaw last week. The pirate stn, which first went on the air at the height of the state of emergency in Apr 82, is the only radio in E Eu to break the monopoly of state control, and bcs primarily union nx and views. One of its leading bcers, Zbigniew Romaszewski, was jailed [sic] in Feb 83 before being released under an amnesty in July 84 (WBI 7/11)

P O R T U G A L As a matter of interest, the RDP bcs on 11800 still come from the RFE xmtr site at Glória, per latest sked. All other RDP svcs are via their own xmtr site (Andy Sennitt, Nov DSWCI SWN)

Monitoring 4/11: On 28/9 when Port switched to winter time, RDP Intl started to bc its xmsns to Eu one hour later by GMT than during summer. However, on 4/11, it was noticed that RDPI was bcng its weekday lunchtime svc in PT to Eu on 11800 at 11-13 instead of 12-14. Anmt stated stn had reverted to its former summertime bcng period on 3/11 'by popular demand from listeners'. Just before 1300* said Eu svcs'd be back on at 1700, again one hour earlier than the period betw 28/9 & 31/10 (WBI 7/11)

RDP Intl, Lisboa, complete ES: 0030-01 Tue-Sat EG Am 9680. 0130-03 daily PT Am 9705 6075. 03-0330 Tue-Sat EG Am 9705. 05-07 M-F PT Eu 9740 6130. 09-11 Sat/Sun PT Eu 11800 9740 7225. 09-10 PT Timor 15225. 10-12 M-F PT Af 21700 15265 15250=to 1100. 11-13 Sat/Sun PT Eu/Af 15265 11800 9740 7225. 11-13 M-F PT Eu on 11800. 13-18 Sat/Sun Eu/Af/Am PT 15285 15265 15250=to 1445 11800 9740 6100=from 1230. 15-16 Mon-Sat PT ME/As 15105. 16-1630 M-F EG ME/As 15105. 17-1730 M-F FR Af 15250 11915. 1730-18 M-F EG Af 15250 11915. 17-20 M-F PT Eu 11740 9740 6100. 18-20 Sat/Sun PT Eu/Af 15250 11915 11840=from 1815 11740=from 1845 9740 6100. 18-20 M-F PT Af 15250 11915 11840. 20-2030 GM, 2030-21 EG, 21-2130 FR all M-F to Eu 9740 6100. 2130-22 M-F IT Eu 6100. 22-24 PT LAm 11840 9700 9600. 23-2430 PT NAm 9680 6095 (WBI 14/11)

R Renascença, non-govtal, opd by Catholic Church for PT emigrants in Eu & Bzl, includes relays of DS in Port: 0030-0130 daily PT Am 9600. 0950-1230 Sun PT Eu 9575. 14-18 Sat/Sun PT Eu 9680. 18-19 daily PT Eu 9680. 19-20 Sun PT Eu 9680 (WBI 7/11)

Q A T A R Assn of Pan Asian Clubs in Bangladesh rcvd sked, presumably S86: on 11820 0245-07; 17785/17830 08-13. 17910 13-2130; 9715 9005[sic] 11950 17-2130. Those last 3 fqs are skeptical because QBC [sic] has only 2 SW xmtrs (Oct UADX)

Doha on new 9535, as planned in THFBS, AR nx 2112, closing amnts & Koran 2125, anthem, 2130*, G 3/11 (Bob Padula, ADXN) Also 0445-0530 AR nx, comtry, ivs, 0530 fanfare & nx, VG 2/11 (Mick Ogrizek, ibid.)

R O M A N I A R Bucharest in EG: 02-03 Am 11940 11810 9570 9510 6155 5990. 04-0430 same. 0530-06 Af 15380 15340 11940 11840 9685 9530. 0645-0715 Au 21665 17805 17790 15335 15250 11940. 1045-11 Mon-Sat Eu 15250 11940 9690. 12-1230 As 17720 15380 11740. 13-1330 Eu 15250 11940 9690. 15-1530 As 11940 11775 9690 9510 7195 7145. 1730-18 Af 11940 9685 9570 7135 7105. 1930-2030 Eu 7195 7145 6055 5990. 21-2130 Eu 7195 7145 6055 5990.

Romanian: 0130-02 Am same as EG fqs. 0715-0810 Sun for Seamen ME/Af 17790 17720 15370 15335; Sun 0815-0910 Seamen ME/Af 17790 15335. 0915-1010 Sun Seamen Am 11810 11775 9665 9590. 20-2030 Eu 7225 6150. 23-24 Am 11940 11810 9570 9510 6155 5990 (WBI 14/11)

R W A N D A QSL card & letter in 68 days for 2 IRCs & FR report of 3330 (D'Ang.)

S A U D I A R A B I A KUNA nx agcy, Kuwait reported 20/9 from Riyadh: Tech committee of V of the Gulf Co-operation Council (GCC) radio has recommended a permanent site for the radio at one of the six Gulf states, the GCC Secretariat and here 30/9. The tech comte concluded its 2nd meeting 29/9 and decided to xfer current venue from Riyadh to Abu Dhabi effective 1/10 in 4th rotation of the change of venue among the 6 GCC states. Recommendations of the comte'll be presented to the undersecretaries' meeting due 14-15/10 in Riyadh for consideration (WBI 10/10)

SPA Nx agcy, Riyadh, reported 26/10 on the development of radio in the Kingdom: On 4th Dhu al-Qi'dah 1382 H (1962), a Royal Decree was issued establishing the Info Ministry; but that did not mean there was no dept prior to that responsible for being. Dir Gen of Bcing, Press & Publication was defined by royal decree in 1953. W/in 2 yrs of establishment of InfoMin, bcing xmsn power was increased tenfold. The first bcing stn was established arnd 1949, attached at the beginning to the Finance Ministry; 1957 became DirGen BCPressPub. First test xmsn from Jeddah studio 18/7/49. King Abd al-Aziz decreed a bcing system. On the evening of Sunday 9th Dhu al-Hijjah 1368 H, the first radio xmsn went on the air. Bcing at the beginning was restricted to Jeddah radio studios, and on the first day of Ramadan 1384, corresponding to 3 Jan 1965, xmsn of pgms began from studios in Riyadh. On the 1st Shawwal 1399 H (1979), bcing was coordinated betw Jeddah & Riyadh radios, and new stn began xmiting at 0530-02 local. On first day of new year 1403 H (18/10/82), Saudi bcing took a new step--Genl Pgm independent from Riyadh, while 2nd pgm from Jeddah. Holy Koran radio also rationalised and began xmiting from Riyadh, Eu pgm became the Eu Pgm R w/FR & EG from Riyadh. A morning 2-h xmsn was added to the Call of Islam R, i.e. 04-06 local.

BSKSA now xmits several pgms from Riyadh & Jeddah: (1) Genl pgm from Riyadh on MW, SW, FM, 20h a day; total pgm output is 108 [hours of diff pgms a day?? -ph --or maybe distinct pgm titles], all locally produced. (2) 2nd Pgm, from Jeddah on MW 06-2359 local. (3) Bcs beamed abroad: Urdu & Indo *1950; Swahili, Persian, Turkish *1965; Somali *1976, Bengali *1979. Turkistani, Malaysian, Bambara *1982; intends to start xmsns in due course in Albanian, Spanish, Hausa. (4) Call of Islam R: from beginning of the month of Muharram 1403 H, xmsns began from 04-05 daily on fqs of Holy Koran R and 18-20 on fqs of the Genl pgm. Info Min is planning to make this radio independent, having own xmtrs and amalgamating it w/bcs beamed abroad. (5) Holy Koran Radios began from Mecca & Riyadh on 1st Safar 1392 H (1972) w/6-h daily pgm; now reaching 18h from the HKR in Riyadh and 13h from HKR in Mecca. (6) Eu langs sexion used to bc EG & FR daily from Riyadh & Jeddah. From beginning of Muharram 1403 H, the rationalised xmsns of the Eu sexion w/EG & FR began from Riyadh as follows: FR 11-13 & 17-19. EG: 12h a day: morn 3 h, noon 4 h, eve 5 h (WBI 14/11)

S E Y C H E L L E S FEBA D86: 0127-02 Tamil 7275 040B 100. 02-0231 Telugu 7275 (9765 Jan 87) 040B 100. 02-0232 Urdu 9670 028N 100 & 11790 (7275 Jan 87) 028N 25. 0232-0248 Sun-Wed Punjabi 9670 028N 100 & 11790 (7275 Jan 87) 028N 25. 0232-0248 Thu-Sat Sindhi 9670 028N 100. 0248-0306 Sun-Wed Pushto 11790 028N 100. 0248-0311 Thu-Sat Dari 11790 028N 100. 0257-0330(Thu/Fri 0340) Farsi 11865 352N 100. 0311-0358 Swahili 9610 & 11810 280B 25/100. 0342-0430(Sun 0445, Fri 0500) Arabic 11755 340B 100. 0358-0430 Sat-Mon Oromo & Amharic 9610 & 11790 340B 25/100. 0358-0430 Tue-Fri Tigrinya 9610 280B 25, 11790 340B 100. 0430-0502 Sat/Sun French 9610 220B 100. 0550-0700 Fri EG ME 17790 340B 100. 0712-0850 Sun EG SAs 15115 17795 040B 100. 0912-1000(Thu 0945) French 15430 220B 100. 10-1015 Sat Malagasy 15430 220B 100. 1057-1145(Sun/Thu/Fri 1200) Arabic 15405 17875 340B 100. 1227-1400 Malayalam & Tamil 11865 040B 100 & 15325 040B/052N 25. 1233(Sat 1218)-1251 Nepali 15415 040B 100. 1252-1400 Hindi & Kannada 11820 040B 100. 14-1458 Hindi 11820 15325 040N 100. 1458-1513 Urdu 11820 028N 100. 1458-1612 (Mon-Fri 1626) EG SAs 15325 (15 Dec to 11865) 040N 100. 1513-1602 Fri-Sun EG Eaf 11820 280B 25. 1515-1612 EG SAs 9590 040N 100. 1612-1658 Swahili 9510 & 11810 280B 100/25. 1627-1730 Malagasy 9745 220B 100. 1658-1715(Wed-Sun 1730) Somali 9510 340B 100, 11895 280B 25. 1731-1833 Oromo & Amharic 9510 280B 100, 11720 328N 25. 1827-1845 (Sat/Sun 1900) Portuguese 6130 220B 100 (FEBA 9/10) numbers after fq: azimuth and broad or narrow beam; kW power

S O M A L I A R Mogadishu ES, all on 6095 to Af, (& ME for Arabic): 0930-10 SM V of the Western Somali Abo Liberation Fronts. 10-1030 Oromo. 1030-11 AR. 11-1130 IT, 1130-12 FR, 12-1230 EG. 1430-15 Amharic, 15-1530 Oromo, 1530-16 SH. Existence of any xmsns betw 1230 & 1430 cannot be established due to adverse propagation condx (WBI 10/10)

SOUTH AFRICA RSA EG sked for D86: 02-0256 Nam 5980 6010 9615. 03-0426 E&C&SAf 5980 4990 3230. 0630-0730 W&SAF&Eu 5980 7270 9585 11900. 11-1156 C&E&Waf/ME/Eu 11900 15220 21590. 13-1556 Af/ME/Eu 7270 15220 21590. 21-2159 Waf/Eu 7270 9585 11900 (Chris Sweitzer, Gainesville FL)

Capital R, Umtata, reported 29/10: Business Day newspaper reports that the Dept of Fore Affairs is to give up control of the SABC. Paper says that there is speculation that control will go to a technical ministry, possibly Posts & Telecomms. Fore Minister Pik Botha is said to regard his responsibility for the SABC as a no-win situation subject to political attack from the left and from the right (WBI 7/11)

SPAIN, LMI

SRI LANKA Flash! TWR on shortwave. Very soon TWR will start testing on SW from Ekala to India using 35 kW on 31mb, and 10 kW on 41mb. Times either 0030-0230 or 0230-0430; evenings 1230-1430 or 1430-1630. This will not be like the AWR SAs operations which more or less go on like pgms of the All Asia beam of SLBC, but will be a completely independent operation. At the moment TWR goes on MW 882 from Puttalam 400 kW. Look out for the "Viswavani Sri Lanka" ID (Victor Goonetilleke, Sri Lanka, UADX Oct)

SWEDEN RSI reported 7/11: The Board of the Swedish Bcing Co [Sveriges R] has appointed Lars Hamberg to succeed Bengt Gustafsson as head of its overseas svc [RSI]. Lars Hamberg is currently District Director of R in Malmb, and'll take up his post at the overseas svc in the New Year (WBI 14/11)

SWITZERLAND ICRC/Red Cross Bcing Svc on 6135 at 0318-0327* 31/10 w/ monthly xmsn. ID "International Committee Red Cross, Geneva, transmitted by Swiss R Intl" // 9725, 9885 and inaudible 12035 (Richard A D'Angelo, PA)

TADZHIKISTAN Tentative, but nonetheless highly likely, on 4635 at SIO 322 in heavy ute QRM, from 0105 t/in to 0140 fading. M in Russian to 0127 break, then W ID, 6-note IS on xylophone-like instrument, W ID in lang, with tentative read on Dushanbe QTH. Russian propagation good this night 21/10 in active geomagnetic condx, so almost surely it. First time I've noted it since recommencing DXing a year ago--which proves once again that even in the pits of low solar activity, an active GM condx will bring the distant signal, if in the zone of opening. SAM DX the same night was uneventful, for instance (Maxfield Greenwood, Sedgwick ME)

TAIWAN VOFC, and beginning of German svc 10/10, 2057-2157 on 11890 & 9455 (Mitso Yamada, ABI) Via WYFR, I believe (gh) WYFR sked monitored partially via Taiwan: 1205-1605 9845 (and 41m and), 21-23 Chinese 9955=to 2200, 6565, 6300. 23-24 EG 9930 6300 (Kunihiro Nishida, ABI) "Double Tenth Natl Day" Oct 10 spl bc from VOFC was hrd 01-0350: Chinese 15345 9575 5980; Cantonese 15270 9685; Amoy 17720, 15370, 11860; Japanese 11745, 7130; English 11825, 9610 (Mitso Yamada, ABI)

THAILAND Bangkok Post reported 3/10: House of Reps voted unanimously 2/10 to accept an urgent motion that parliament set up a radio stn of its own. Motion, sponsored by MP Anan Suksan (Chat Thai/Chai Nat), said parl must have its own radio stn to promote its activities and democracy. Cost of setting up a radio stn is estimated at 12 megabaht. Prachakon Thai party leader Samak Sunthorawet said there should be no problem in setting up another radio stn because there were still several fqs available. But house Speaker Chuan Likphal warned that financing the project might pose a problem. Govt might reject it due to lack of funds, he said. Said actual cost of setting up such a stn might be higher than the 12 megabaht estimate because many relay stns would also be needed in diff parts of country. MP Chawarin Lattasaksiri (Chat Thai/Ratchaburi) suggested a cutback of 40 kilobaht from a 2.5 megabaht [sic] for each MP. Amt saved'd then be used to fund the stn, he said. After the vote, the house agreed to send the motion to the House Parliamentary Affairs Committee & the Budget Scrutiny Committee (WBI 10/10)

TOGO On 25/10 on 5047, EG nx, ID "This news coming to you from R Togo". Nx was given in EG 1950-1959; at 2003 following FR pgm w/Af folk mx. EG is not listed; this is the first time for me to hear from them English! (Roland Schultze, Stuttgart FRG) Maybe this month in ENAm audible?

T U R K E Y Ankara on new 11805, also new time for EG to SW As 1330 3/11, ex-17880 (Mick Ogrizek, ADXN) Turkish R, Ankara, reported 5/10 on TV programming skeds; the second channel ends at 2130 after EG nx bulletin (WBI 10/10)

U S S R New unlisted fq of R Moskau is 5055, first hrd 15/10 2035-2102* in RS but no positive ID; 25/10 again 1925+ in RS, clear ID & TC, concert by Alexander Chirowa; SINFO at 2020 was 44444; xmtr site unk (Roland Schulze, Stuttgart FRG)

On SWLD 1/11 Don Jensen gave a list of the world's far northern SW stns, w/ Anadyr on 4030 as being the northernmost; that honor actually belongs to Murmansk on 5930, which is about 250 mi further N and is, without doubt, the world's northernmost SWBC stn; hrd here several times since 1978 w/local RS pgms at 0430 & 0515. Greenland's SW xmtr only ranks about 5th in latitude (E Behr, Ont)

Arkhangelsk, tent w/Mayak pgm & IS arnd 0800 on 5015; lack a SS/SR chart to see the situation at this time relative to Vladivostok but guessing it favors Arkhangelsk--I understand this to be a difficult one, but my QTH would favor it --on 26/10 (Maxfield Greenwood in Maine)

27/10 at 1711 on RMWS, while reviewing Gorbachov's speech made on Soviet TV, following Reykjavik meeting, ancr mentd that Gorbachov proposed to Reagan that USSR would stop jamming forn bcs, if USSR was allowed to bc its views from sites w/in or near US borders (Christos Rigas, Chicago IL) Later clarified as applying only to VOA, but USG cannot provide such an exchange and USIA was trying to persuade domestic net to carry RM; in NY Times, Wm Safire blasted USIA dir Wick for even considering this, since jamming is illegal; amounts to extortion (gh)

How about the French sked for R Moscow? (Chris Sweitzer, Gainesville FL) OK, but it's so long since the last sked was published by BBCMS that we should wait for the next one; perhaps this will remind me (gh)

Monitoring 28/9 to 6/10: R Stn Peace & Progress, Moscow, started bcs in Persian and Azeri [Azerbaijani] on 28/9. Persian 1630-17 on 15320 15210 11765 and 5915, Azeri 17-1730 on 15210 11690 6135 6110 5915. The fqs 6135 & 6110 emanate from xmtrs in Baku, Azerbaijan SSR and are also used for that republic's DS & ES. 5915 is currently also in use for ES of Kazakh R, Alma Ata, and R Tashkent. Too, this ch used by Natl V of Iran stn, pro-commie in Persian & Azeri from xmtrs in Baku since spring 1959. This stn, however, not obs on usual fqs & times since intro of RSP&P svc in PS & AZ. Tootoo, one of the RSP&P Azeri svc ancrs is that to be same as one who previously read commentaries on NVOI (WBI 10/10) More in CRANNY under NVOI

Monitoring 2-4 Nov: Preliminary survey of R Moscow ES since D86 shifts shows increased use of 4 MHz channels for ES to Eu; this winter 6 fqs in use as opposed to 4 last winter. They are: 4895 16-2230 Romania & Albania. 4860 16-2230 Czechoslovakia & Hungary. 4795 17-23 Yugoslavia & Greece. 4060 0430-0630 & 14-23 Poland. 4045 16-2230 Poland. 4030 1530-22 Scandinavia. In recent years R Afghanistan ES to Eu relayed via USSR and since 2/11 1730-1930 on 4920 //6020. Pashto/Dari, GM, EG at 1730, 1830, 1900 resp (WBI 7/11) 6020 blox Netherlands

Monitoring 7/11: Soviet radio's coverage of Red Square parade on anniv of Great Oct Socialist Rev consisted of live report in RS for home & abroad on All-Union R. Also in EG, FR, Std CH for RM ES. Live Russian, audible on some 70 SW fqs betw 5900 & 17900, began at 0650 on all DS and Fifth Pgm for Soviet seamen and compatriots abroad, which had all linked up at 0630; ended at 0909. A comtry on proceedings in EG by RMWS 0650-0756 on 39 SW ch. FR R Moscow Intl stayed on air beyond normal 0800* and bc from Red Square 0650-0811 on some 15 SW fqs which stayed on until 0825 w/mx & nx. Std CH on a similar period via 8 channels (WBI 14/11)

R Moscow is holding a contest on the Russian lang. Winners will be invited to make a free trip to the SU. Contestants who give good answers to some of the questions will receive RM souvenirs. Qs are: 1. What Russian words are understood in your country w/out a xlt? 2. What event in Soviet life in 1957 aroused addl interest in RS studies in your country? 3. What is the most popular surname in the RS lang? We'd also be very interested in learning what your first encounter w/the RS lang was like? Answers should be mailed before 15/12/86 to: N American Svc, R Moscow, Moscow USSR (via Charles Weiss, OH)

U A E V of the UAE, Abu Dhabi, 13/9 1105 on new 17600, presumed mixing product 17820 & 17710 at 110 kHz diff, and weaker than the others, AR, 34433 (Andy Sennitt, Denmark, Oct DSWCI SWN) See also SAUDI ARABIA

U K O G B A N I Week End Musik Radio, pirate, 19/10 0020 on 5010, in EG w/pop mx, addr in Cambridge (Roland Schulze, Stuttgart, W Germany) Obviously propagationally possible for NAM; any catches here? (gh)

U N I T E D N A T I O N S RNMN reported 2/10: Last year, UNR NY and it could no longer afford to hire airtime on VOA. Now bc again, via 2 stns on a weekly basis. V of Nigeria, ES from Lagos started 20/9 in EG, FR, AR, SH on Sats. SH at 16, AR 17, FR 1930, plus three in EG: 06 Eaf 15185, 07 Naf/Eu on 15120, 1900 on 7255. Too, R Beijing on Sats CH 08; 12 EG SEAs 1341 11600 11755 15280; both stns offered airtime to UN free of charge (WBI 10/10) More, CHINA

U S A Unmod carrier on 17775 1957-2001. Test tone 2017-2039, 2041-2045, 2118-2130 on 29/10. Not sure if breaks part of tests or caused by local QRM. SIO 454 at best. KVOH? 30/10 voice ID in EG & SP, addr at 2120 as KVOH, Box 93937, Los Angeles CA 90093. Hrd past 2135; xmtr location as Simi Valley. Note it's a new addr; I reached them in past at Box 7466, Van Nuys CA 91409; does LA box supercede or is in addition? (Chris Sweitzer, Gainesville FL) KVOH hrd testing 5/11 1900 EG/SP anmts & test tones to 2230*^a; also 6/11 from 1620; solid 555 sig on D1835 rx (Ernie Behr, Kenora Ont) KVOH, High Adventure, testing 1/11 at 1625-1710+ on 17775 w/George Otis doing anmts as played on WOR. VG sig (Richard A D'Angelo, Wyomissing PA) Started pgming arnd 17/11, apparently only on 17775 16-24, later than sked; the "Spanish" is really strange, Chicano, I guess (gh)

WMLK, 9455, 10/11 0416-0436 w/Elder Meyer talking about Sacred Name Bcr & scripture readings. F but poorly mod; next day 1754-1812; end of testing? Are these regular xmsns? (Richard A D'Angelo, PA) Who knows? Any difference?

US Rock pgm from Radio Broadcast Communications sent F/D QSL card in 14 days, v/s Bill Parris, who noted had been on for 6 months and will soon move to WRNO. Says also on R Discovery. Incidentally, they play Top 5 plus reqs & Parris' favorites to cover 30 min show (Richard A D'Angelo, Wyomissing PA) This was on WINB 15185 at 2200 Sat. Now hrd at exactly same time instead on Discovery 15045; if it's on WRNO, I don't know when (gh)

NDXE, new commercial SWBC stn based in Opelika AL, has further postponed its inaug to sometime in 1987. However stn has a Listeners Club w/annual fee of \$31. Stn is said to be testing on 6900 or 9600 kHz (RNMN via Dr R D'Souza, Oct IDXC1 ADXR) That's not what MN said; Andy Sennitt said an entry for the 1987 WRTH had been rcvd, including the strange fq of 6900, maybe a typo for 9600. But Dickson Norman told me they indeed seek some such fq between 41 and 49m on a fixed band. There is no progress to report, and everyone I hear from, except Dickson Norman, is quite certain the stn will never come to be (gh)

V of Free China via WYFR hrdon 9465a, from 2100 w/new GM pgm, 2200 EG, strong 10/10; fq estimated on the D1835 (Ernie Behr, Ont) See TAIWAN aboveabove VOA on 12235 1/9 1256-1301 RS & Uzbek pgm, 34433 (Christian Frahm, Denmark, DSWCI SW News) A feeder? (Andy Sennitt, DSWCI)

R Marti pgm of VOA: MW 1180 0930-04 50 kw; SW: 0930-12 6075 250, 12-1415 9570 250, 1415-23 11930 500, 23-04 9525 250 (Fred Rathert, Acting Dir of Tech Opns, 23/10 via John M Fisher, Chelmsford MA) Actually switched to 9590 (gh)

R Clandestine, 23/10 0107 on 4860. Pro-sounding stn w/no brains in sight. Ads w/dialog not suitable for printing in a family publication. L-O-N-G ID and into rock mx. G sig for those who enjoy such trash! (Charles Weiss, S Euclid OH)

U Z B E K I S T A N R Tashkent, new 7325 13/9 1332 opening EG nx// 9600, 24422. If used during winter, should propagate well to Eu! (Andy Sennitt, DSWCI SWN)

V A T I C A N Vatican R in EG: First Pgm: 06-0620 Eu 9645 6185 1530 526. 07-08 M-Sa Four Voices IT/FR/EG/SP 11740 9645 6250 1530 526. 1130-12 M-Sat Eu Four Voices IT/FR/EG/SP 11740 9645 6250 1530 526. 1445-15 Eu 11740 9645 7250 6250 1530 526. 16-1630 M-Sat Four Voices IT/FR/EG/SP 11740 9645 7250 6251 1611 1530 526. 20-2010 Mon-Sat Four Voices Eu/Af 15120 11700 9645 9625 7250 6250 1900 1530 526. 2050-2110 Eu 9645 7250 6190 1530 526.

2nd Pgm: no EG. BS svc: 0050-0115[sic] Am 11845 9605 6030. 0310-0330 Am 6150. 05-0515 Af 15190 11725. 0615-0630 Mon-Sat Af 17730 15190. 0715-0730 M-Sat Af 15190 11725. 1115-1130 Af 21485 17840. 12-1215 Af 21485 17840. 12-1230 Mon-Sat As/Au 17865 15190. 1448-1454 As 15115 11775 9610. 1545-16 Af 17730 15120 11810. 2045-21 Af 15120 11760 11700 9625. 2205-2230 As/Au 11830 9615 6015 (WBI 31/10) Mass in Latin: 0630-07(Sun 0710) Eu 15120 11740 11715 9755 9645 7250 6250 1530 526 (WBI 31/10)

VENEZUELA Rumbos well hrd here for about a sesquimonth on 9660. 4970 varies from day to day. 15/10 0120-02 w/usual LAm pops & a couple of love ballads. Also some ads and previews for upcoming talk show on Wed morn (Charles Weiss, OH)

R Nacional, Venezuela, on new 10326.7, 4/10 0545-0550 light EG songs, SP anmts (Vashek Kofinek, South Africa, DSWCI) Strange fq! (Anker Petersen, DSWCI) Lately steady on 11852.5v all day (gh)

These stns are active: 3225 R Occidente, 3255 R LV del Tigre, 4770 R Mundial Bolívar, 4780 LV de Carabobo, 4830 R Táchira, 4840 R Valera, 4850 R Capital, 4970 R Rumbos, 4980 Ecos del Torbes, 5025v R Nacional, 5040 R Maturín, 6130 R Valles del Tuy, 6180 R Turismo, 9540 R Nacional, 9660 R Rumbos Internacional. Per info from DSWCI member Eli Dulith here in Venez, the beginning of 1986 also had these stns active: 6020 R Anzoátegui, 6070 R Nacional, 6120 R Angostura. As of Aug & Sept I couldn't receive any of these and believe they are inactive on SW (Michael Schmitz, Venezuela, Nov DSWCI SWN)

I keep seeing 3 LAm stns misspelt & confused: say this out loud a dozen times til it be ingrained: "Maracay, Yaracay, Zaracay..." (gh)

R Yaracay [sic], 4940 was until a few months ago quite regularly logged in intervals of R Kiev on same fq. To save energy costs, the 10 kW xmtr has been put out of use, and stn has no intention to put it back on air in near future. Antonio Campus, who has been mentd in DX press as QSL signer lately, is totally unk to the stn! (Michael Schmitz, Kurier, via Nov DSWCI SWN)

V I E T N A M VOV reported 27/9 on bcng in the country: By late 1985 there were more than 9000 radio and network wired-radio stns thruout the country; incl 40 stns in 40 provs, municipalities and special zones; 224 FM stns in various districts; more than 8000 network wired-radio stns at grass roots level. In addn some 2000 villages in the northern mtn region and central hilands have net wired-radio stns; all provs, municipalities and spl zones have been equipd w/ MW xmtrs; and some provs have SW xmtrs (WBI 10/10)

Y E M E N N O R T H E A S T Monitoring 26/10: PDR Yemen radio in Aden now hrd on 11950 & 5970; believed ex-11770 & 7190 (WBI 7/11)

Z A I R E VOZ reported 9/10: 8/10 Citizen Ramazani Baya [State Commissioner for Info Press, Posts, Telephone & Telegraph] met V of America's deputy dir for Af, Miss Margaret Kennedy, currently in our country seeking to expand the activities of the American bcng channel. The 2 offls discussed greater coop in the bcng sector, especially thru exch of nx pgms between OZRT & VOA (WBI 17/10)

Z A M B I A On 4911 7/11 *0345, and 8/11 *0350, F at peaks; one day had orch anthem, next day choral. After s/on 7/11 played Herman's Hermits tune--traditional Zambian mx? (Richard A D'Angelo, Wyomissing PA)

Z I M B A B W E ZBC Harare reported 13/10: Zimb govt planning to establish extl radio svc to addr crucial questions in southern Af. Min of Info, Posts, Telecomms, Comrade Nathan Shamuyarira, speaking on weekly TV pgm The Nation 12/10 said govt seeking setting up finances. Agreed there are insufficient internal resources, and this has prompted govt to negotiate w/local companies to produce cheap radios & TVs. Said Mozambique has managed to establish a cheap radio set, which can be carried on bicycles and helps to disseminate info to the people. Com. Shamiyarira said Bulawayo-based Supersonic radio co has been approached by govt to produce cheap radios and produce a sample which [words indistinct] (WBI 17/10) Uh, er, someone changed the subject in midstream..(gh)

CLANDESTINE CRANNY

(East Asian DX News from the Asian BCing Institute, via Tetsuya Kondo)

The 4th clandestine radio in the Korean Peninsula has been born.

"Voice of the People (Inmin-e Sori in Korean)" was first found on October 8 on 4027VkHz by a Japanese DXer Akira Shibuta, WJDXC. This Korean language station is on the air everyday from 2200-2300, and repeated 0400-0500 and 1300-1400.

An opening announcement says as follows:

"This is the Voice of the People broadcasting from Pyongyang. Today we, the

people and the masses in Korea are under many suppressions and exploitations, and live in gloomy day after day. An effort made by comrades who have devoted life before for construction of homeland of Marxism-Leninism and real communism has been left [words indistinct], and Korea now continues that an anti Marxism-Leninism theory, called Juche Idea justifies the personal worship for Kim Il Sung and suppressed politics and still more the theory and practice of communist movement is destroyed and to be twisted. We have been not able to endure to watch such a historical fact, and united tightly to the root of working classes across the country. Radio Voice of the People, needless to say, overthrows Kim Il Sung and its [words indistinct] and supports and encourages the people who groan in iron chains to become real masters in this land and swears to take the lead of speaking for your right and benefit.

The Voice of the People is broadcasting three times a daily, morning 05-06, day 01-02, and night 10-11 on shortwave 4025kc. Now the Voice of the People begin to broadcast this transmission."

This station can be thought to be operated by South Korea or an anti Kim Il Sung group in North Korea. In the broadcast pronounciations and words are used such as North Korean, however they are not always perfect. Therefore there is less possibility for the latter view than the former. It says "all struggles is developed over the guideline of the General Union of Korean Workers". The presence of "Union" is not yet identified, in either case this must be a black-propaganda station. South Korea may build up the station for opposition to a North Korean black clandestine stn Echo of the Masses.

The reception condition is not so good. The transmitting power must be less than 5kW. The modulation is not satisfied and the frequency is unstable.

ID: Yoginun Pyongyang-eso ponaedurinun Inmin-e Sori pangsong-innida.

(Toru Yamashita, Hiroyuki Hirao)

V of People of Khmer, in Kampuchean on 6325, 23-24 & 10-14. This stn supports King Norodom Sihanouk. One may hear his recorded speeches, but the pgm is very lively w/mx, religious chantings, etc. Noted here w/vy strong sigs and good mod. I suppose they are using a 250 kW xmtr in Thailand but a report to the KPRLF General Staff has not brought me a reply. Try FNLJK, 2 Passage Frequel, F-75020 Paris, France. S/on w/clock chimes after IS. Stn ID is too complicated to reproduce here (Supratik Sanatani, India, Oct ADXR)

V of the People of Burma Monitoring 31/10 - 8/11: stn being on behalf of Burma Communist Party, not hrd on 5110 since 31/10 (WBI 14/11) Monitoring 14/11: hrd again on 5110 14/11 w/normal sked 1200+ (21/11)

V of Tamil Eelam 7015, 3/8 0215 talk in Tamil on Reagan's policy, SIO 544 (R Sreedhar, Madras, India, Sept IDXC1 ADXR) VOTE hrd for first time on 31mb [fq not given] at 0430 21/9. No jamming; not very strong and clear, but // 40m outlet. Aned xmsns only at 05 & 14, no fqs given; continued to 0530. 40m severely jammed while 31m healthy I once again tried at 0400. Didn't find stn on 40m but monitored 31 at 14-1422 after which only jamming hrd to 1430. Same stn hrd from 1030 w/TM pgms, jammed, a very good hide & seek game on 40m. 1050 hrd another stn of Tamil group, to 1105, by Tamil Eelam Liberation Tigers.

It must be a stn operated by other Tamil group. Weak and ended xmsn at 1105* I am sure pgms of the 2 stns were entirely different (G R Prahlada, Oct IDXCI)

PTI nx agcy, Delhi, reported 6/11: A Sri Lankan Tamil militant group today claimed that a pirate radio stn had been beaming anti-India, "pro-Khalistan" [Sikh separatist] propoganda into S India for past 4 months. "The govt of India is aware of this," the Eelam Peoples Revolutionary Liberation Front (EPRLF) said. L. Keetheeswaran, spokesman for EPRLF, told nxmen here the clandestine xmttr seemed located somewhere outside India and putting out on 41m two 30-min Tamil & EG bcs each morn & eve. "The bc is aimed at creating problems among Sri Lanka Tamils based in S India and driving a wedge between them and the Indian govt," he said. "The radio carries on very rabid anti-India prop to the extent of supporting 'Khalistan' terrorists"... Monitoring 6/11: Stn calling itself in EG the V of Tamil Eelam was hrd 6/11 in TM & EG on 7010 at 1030-1130 & 1315-1430. Nx in Tamil 1030-1035, 11-1115, 1315-1335, 14-1415. Nx in EG at 1035-1045 & 1335-1345. An item in the 1035 EG nx contained an annt by 'the Communist Party of Tamil Eelam' on the death of an 'area commander for Muttur,' which was also preceded by the words "sources here in Madras..." (WBI 14/11)

Pseudo V of Tamil Eelam A stn calling itself VOTE has for the past 4 weeks been on the air daily 0430-0530 on 41 & 31m, and on 41m at 0130-0230; being 3rd class Tamil film songs. 0500 & 0200 nx. Otherpgm is only commentary just after xmsn opens. Pgms center on anti-Indian and anti-Eelam. For instance, the pgms support Khalistan and justify the recent assassination of Gen A S Vaidya. Pgms are presented in the sweet coated tablet format. As none of the Tamil militant groups support or recognise Khalistan, it is sure that this Pseudo VOTE is the product of Sri Lankan govt to form anti-Indian and anti-Eelam propoganda. The reception is excellent in our part of the world. The pseudo VOTE does not give the name of the Tamil militant group it belongs to. Just from the 24/8/86. English contry is included in the Tamil bc itself. I obs for the past 10 days that is gone from 31mb for morn bc. Exact location of stn is not known; probably uses facilities of SLBC (M K Shaikh Jawahar, Sept IDXCI ADXR) Times don't match, but seems to be same stn referred to in previous para by WBI. Why don't UADX people, familiar with SLBC/VOA xmttr usage, confirm whether this comes from SLBC/VOA facilities? (gh)

V of Mujahadee/Mujahadeen e Khalq pgming hostile to Khomeni, in Farsi on 3935v, 4235v, 5960, 7110. 4235 first noted 13/10; varies a few kHz to avoid the bubble jammer. 7110 & 5960 are 24h; 3935 & 4235 noted 18-20+. Last time I reported this stn, they were using 5 xmttrs. That leaves one xmttr unaccounted for. All the ch are bubble-jammed but from this part of the world 7110 at 16 will give you a clear copy. ID: "Sedyee Mujahed...Mujahed-e-Khalq" (Supratik Sanatani, India, Oct IDXCI ADXR)

R Iran Toilers Monitoring 5-8 Oct: This Iranian Tudeh Party stn which has been via xmttrs in Afghanistan, now hrd on 10870, at 0230-03 & 1530-1630 in Persian (WBI 10/10)

R Iran pgm hostile to Khomeni regime is hrd 1835-1935 on 7075 & 9850. S/on w/ IS and anthem which incidently is same as one used by V of Liberation of Iran, and Free V of Iran. ID as Injo Radyo Irona. Also noted 1330-1430 on 9525 & 9695. Letter ch is weaker and also has bubble jammer (Supratik Sanatani, India, Oct IDXCI ADXR)

V of Liberation of Iran (Inje Sedyee Nejat e Iran) continues steady w/previous sked, i.e. 0330-0530 on 9027-weak, and 15555-strong; 1630-1830 on 7070-strong & 9027-weak, w/Farsi pgm hostile to regime of Khomeni (Sanatani, Oct IDXCI ADXR)

National V of Iran Monitoring 6-15 Oct: NVOI, which has bc pro-communist material in Persian & Azeri from xmttrs in Baku, Azerbaijan SSR, since spring 1959, continues untraced on 6025 & 5915 at 1730-1815 & 1930-20. Experienced monitors are convinced that the ancrs now appearing on the new R Stn Peace & Progress xmsns in Persian & Azeri are the same as those who used to present pgms on NVOI.. Therefore it may be assumed that the disappearance of NVOI is connected w/intro of the new RSP&P xmsns from Moscow at end of Sept (WBI 17/10) & see USSR (gh) Monitoring 13/9 to 21/10: NVOI was last positively IDed carrying its sked bcs on 6025 & 5915 on 13/9. Its bcs in PS & AZ now believed to have been replaced by new bcs in same langs from RSP&P in Moscow (WBI 24/10)

Free V of Iran Inje Sedyee Irone - Azad e Iran, like R Iran is also on 9525 and 9695 at 15-16. The carrier with a pure tone is kept on between the two pgms. These give an addr in Rotterdam. Some reports say that Baghdad Radio pgms are carried on above fqs after the end of the pgm but I did not note any such. Any info, anyone? All pgming in Farsi (Supratik Sanatini, Oct IDXCI ADRX)

V of Palestine ID as "Idhat'l Fillistine-Saut-e-Soura ti Fillistine" hrd over S Yemen 5970 at 1815-1900 in AR. For a reply try Sadoon, P O Box 3122, Baghdad Iraq --cf WRTVH 1976 page 65 in Listen to the World (Supratik Sanatani, India, Oct IDXCI ADRX)

Radio SPLA V of the Sudanese Revolution, 9530 ex-9705, believed to be from Ethiopia, F in EG 13-1330 18/9, uninteresting pgming. ID as R SPLA (Victor Gootilleke, Sri Lanka, Oct UADX)

Monitoring 30/9 to 3/10: Radio SPLA, supporting the Sudanese People's Liberation Army and Movement, from a xmtr in Ethiopia, continues daily bcs in EG & AR 13-14 on 9530. The anti-SPLA radio, which addressed itself to the Sudanese "People's Armed Forces" which had been QRMing xmsns of R SPLA, was last hrd 30/9 (WBI 10/10) R SPLA reported 17/10: The [SPLA-SPIM Political Military High Command] spokesman said the renewed campaign of disseminating lies embarked upon by Khartoum has been made possible by the fact that it [is] now capable thru jamming of R SPLA to deny some listeners accurate info on both political and military developments in the ongoing war... (WBI 24/10) Monitoring 11/11: R SPLA, believed via Ethiopia, now obs in 11-12 vern svc & 13-14 EG/AR on 9550 (WBI 21/11) R SPLA first hrd w/test bcs on 18/10/84. Regular pgms from 2/11/84 via Addis Ababa; Sudanese verns svc began 15/6/85. R SPLA material in AR also began to be bc 5/2/85 from xmtr in Libya on 17940, which also carried the V of the Sudanese Popular Revolution svc; this was withdrawn in Apr 85 when Pres Numayri of Sudan was deposed. The multilingual svc at 11-12 on 9550 includes pgms in Bari, Dinka, Latuka, Muba, Nuer, Shilluk (WBI 21/11)

R Bardai Monitoring 20/10: stn supporting the Transitional National Union Govt under Goukouni Oueddei but which is hostile to the Chadian govt in Ndjame-ena under Hussein Habré, continues to bc on 6009 at 18-2030 apx. Pgms 20/10 were in FR until 1834, then AR and from 1908 in Chadian verns. 6009 xmtr is believed to be located in Sabha, Libya. In an iv for RFI 17/10, Goukouni Oueddei had said that he was under house arrest and considered himself to be 'a prisoner of the Libyans' (WBI 24/10) Stn was first hrd in Feb 1983; stn has ancd it bcs from Bardai, a town in extreme north Chad, but xmtr is believed to be located in Sabha, Libya. When first hrd, stn ancd as "R Bardai, Chadian Natl Radio, the voice of the liberation". It has also ancd as "R Chad". The verns sked 19-2030 are Sarah and Korah (WBI 31/10)

R Truth bcs material hostile to PM Mugabe and the govt of Zimbabwe. It was first monitored carrying test xmsns on 10/3/83. Its first country hrd 25/3/83. Xmtr believed to be in S Africa. Sked on 5015 0430-05 EG, 17-1730 Shona & Ndebele, 1730-18 EG repeating 0430 xmsn (WBI 24/10)

Netherlands Group set up to support EPLF, FMLN, NDF and Fretilin radios RNMN reported 6/11: A campaign called "Media for Resistance" has been launched by the (?XYSY) group in Amsterdam, which is trying to collect some 60 kilodollars for clandestine media activities around the world. Spoxewoman, Libby Diederer [phonetic], says aim is to raise money for media of and draw attn to 4 mvmts: Eritrean People's Libn Front [EPLF], the Farabundo Martí NLF [FMLN] in El Salvador, the National Democratic Front [NDF] in the Philippines and Fretilin in East Timor. Aim is to raise 35-40 kiloguilders for each mvmt. FMLN radios are set up one at the Guazapa volcano and the other in another part of El Sal. Fretilin, in Indo-controlled E Timor, has SW clandestine PTP xmtr which, she says 'is not meant to be listened to by the public'. However, E Timor is a closed area and the only way for E Timorese to have contact w/outside world is via their own xmtr, R Maubere, nx from which is picked up in Australia and 'brought' to Mozambique, where Fretilin has contacts and thence spread further. Could critics not say that the group is supporting just left-wing clans? She says in this case left wing does not mean anti-American or pro-USSR; rather the group wants to support self-reliance (WBI 14/11)

R Free Surinam xmits its liberation-pgms via LV del CID. At the moment a 'jungle army' has started fighting in Suriname and it claims to have at least 25% of the country under its power. The jungle army will soon start to bc RFS pgms from its own xmtr in the jungle of E Surinam. These pgms will be special ones, to prepare people who are not yet liberated, to their liberation. Also, special msgs will be xmt'd to 'secret soldiers' in unliberated areas (Marcel Rommerts, Netherlands, Nov DSWCI SWN) R Fri Sranan, full data QSL letter rcvd in 86 days from v/s Johnny Kamperveen, Pgm Dir. Addr: Council for the Liberation of Suriname, P O Box 5517, 3008 AM Rotterdam (Richard A D'Angelo PA)

LV de la Libertad on 6093v, Colombian cland reported in June 86 on SWLD & elsewhere as bc'ing from "a Caribbean island" -- in 1984 there was a report of a new stn being planned in the Dominican Rep: LV de la Libertad on 6095!! A strange coincidence, or is this the old stn in Puerto Plata, last hrd on 6218 in 1974? (Ernie Behr, Kenora Ont)

R Camilo Cienfuegos, 9940, 2154-2235 w/IDs, CID IDs and Intl nx; 2230 continued w/own pgm, no more R Free Suriname at 2230? (Richard A D'Angelo, PA, 3/11) In LV del CID entry in Oct IN, what do you mean by "but sometimes in June"? (Chris Sweitzer, Gainesville FL) "But sometime_ in June"--the report was not dated & appeared in July NZDXT; I was merely pointing out that the logging itself would have been sometime in the month of June. Just above, is another undated logging--please take care ALWAYS to include dates--the date after the reporter's name in the () is the date of the report to IN--in this column dates with names or sources are the date of report or publication, not likely date of reception.)

LV de la UNO on 5889, 0220-0301* 2/11 w/numerous refs to Nic & Sandinistas to s/off w/orch anthem, SIO 353; loads of IDs (Richard A D'Angelo, Wyomissing PA)

R Miskut Monitoring 25/9 to 20/10: The 21-22 xmsn from stn claiming to bc from somewhere in Nicaragua and which describes itself as a voice against atheist communism, now hrd on 6265; earlier xmsn ending at 1230 remains on 5565. R Miskut's 0130-0230 bc was hrd on 25/9 on 6265, but not traced since (WBI 31/10) 30/10 at 0224-0241* on 5950: anti-Nic & Contadora, and pro-Christian talk in EG 0228-0238. S/off w/possible anthem? or at least a patriotic tune (Chris Sweitzer, Gainesville FL)

R Venceremos Letter to México addr was returned after 5 months w/several unreadable remarks on the envelope. Maybe the only chance to get mail to the stn is now via: Ap. 2363, Telcor Los Escombros [sic --Escombros -gh], Managua, Nicaragua (Mathias Kropf, Germany, Oct DSWCI SWN)

LAST MINUTE ITEMS

BANGLADESH R Bang, Dhaka, ES, complete: 08-0830 EG V of Islam Eu 12030 11645, 1230-13 EG Eu 12030 15525 incl Press review Thu 1245-1250, 1315-1345 Nepalese 9775 & 7105, 14-15 Urdu & 1515-1545 Hindi 13615 9640, 16-1630 AR ME & 1630-18 Bengali ME 9945 7505, 1815-1915 EG Eu 7505 6240 incl press review Thu 1835-1840; nx at dictation speed daily 19-1915, 1915-20 Bengali Eu 7505 6240 (WBI 21/11)

BULGARIA [cf main section] D86 sked still shows EG NAm 04-05 7115; no 1830 (Mick Orzizek, RA JP DX Time 23/11)

CHINA Xinhua reported 12/11 from Nanjing: "V of Jinling" in Nanjing officially gave first bc to Taiwan compatriots today. Nanjing, now capital of Jiangsu prov, was centre of Kuomintang rule before natl libn in 1949. Mainland's first local radio stn offering spl svcs for Taiwan. SW 1155-16 daily on 4875. In addn to nx about mainland, Jiangsu, other E China provs, it informs Taiwan compatriots abt their relatives on the mainland; compatriots in HK, Macao, other SE Asian countries can also receive the radio's nx (WBI 21/11)

HUNGARY R Budapest EG to NAm: 02-0230 exc Mon, 03-0330 daily, 04-0415 DX pgm Wed & Sat, 04-0430 Mon, all on 15160 11910 9835 9585 9520 6025 (WBI 21/11)

INDONESIA RRI Banda Aceh again hrd on 4955, from 9/10 (S Yokoyama, Japan, IIXR) RRI Wamena QSY to 4870 from 5044 since Oct, now hrd to 1210v*; 20/10 anmt gave wavelength on 61.7 meter (H Ishii, ibid.) RRI Serui, 4607 now relays Jakarta nx 12, 13, 15, 16 irregularly and c/d at 1700*, from early-Sept (S Yokoyama, ibid) It is known that many RRI (maybe all Indo stns) relay Jakarta nx pgm. But recently, some stns do not. Recent monitoring from mid-Sept to late Oct concerning the 1000 nx shows: Ambon regularly relayed; Sorong irregularly. The rest did not

Clandestine Address Information



Voice of Afghanistan, P.O. Box 1207, Peshawar, Pakistan; La Voz de Alpha 66, P.O. Box 420007, Miami, FL, USA; Bizim Radyo, Box 16-367, S-10 327 Stockholm, Sweden; La Voz del CID, Apartado 8130, San Jose 1000, Costa Rica; Radio Farabundo Marti, c/o R. Acuna, Centro de Comunicacion y Ayuda Entre los Pueblos, P.O. Box 26843, Los Angeles, CA 90026, USA; Voice of the Feda'i, A.C.A., B.P. 43, F-94120 Fontenay-sous-Bois, France; Radio Freedom, Caixa Postal 3523, Luanda, Angola; Voice of Free Nicaragua, ARDE, Apartado 348, 1000 San Jose, Costa Rica; Radio Free Surinam, Box 5517, 3088 AM Rotterdam, The Netherlands; Radio Halgan, P.O. Box 1686, Addis Ababa, Ethiopia; Radio Iran, O.L.K., 084012-A, 5000 Köln, West Germany (?); Voice of the Communist Party of Iran, O.I.S., Box 50040, S-104 05 Stockholm, Sweden; Voice of the Iranian Revolution, O.I.S., Box 50040, S-104 05 Stockholm, Sweden, Radio Iran Toolers, P.O. Box 49034, S-10028 Stockholm 49, Sweden; Radio Mambi, P.O. Box 350-492, Riverside Station, Miami, FL 33135, USA or Cuban Patriotic Board, 1801 W. Fagler Street, Miami, Florida, USA; Radio Miskut, Comision-Politica MISURA, Apartado Postal No. 1668, Tegucigalpa D.C., Honduras; Voice of the Liberation of Iran, P.O. Box 201225, 5300 Bonn 2, West Germany or P.O. Box 535, London NW10, UK (?); Voice of Namibia, GPO 953, Luanda, Angola; Voice of the National Army of Democratic Kampuchea, 212 East 47th Street, 24 G. New York, NY 10017, USA; Voice of Palestine, c/o PLO, P.O. Box 3122, Baghdad, Iraq (?) or C.P. 421, Luanda, Angola (?); Radio Quince de Septiembre, FDN, P.O. Box 16-0953, Miami, FL 33116, USA; La Voz de la Resistencia Chilena, c/o Bureau de la Resistance Antifasciste Chilienne, 13, Rue Rabah Noel, Alger, Algeria; Voice of the Free Sahara, R.P. 10, El-Mouradia, Alger, Algeria; La Voz de Sandino Centro Informacion Evaluation, Apartado 348, Zona 9, Pavas 1200, San Jose, Costa Rica; Radio Truth, c/o Mr Stanley Hatfield, P.O. Box 815, Thayer Avenue, Silver Spring, Maryland 20910, USA; Voice of Tamil Eelam, 11 Deshwar Veethi, Vadapalani, Madras 600026, India; Voice of the Turkish Communist Party, Box 13-367, S-10 327 Stockholm, Sweden; Radio Venceremos, Apartado 2363, Telcor Los Escombros, Managua, Nicaragua.

(?) = uncertain if still used

Corrections and amendments are always welcome!

relay: Serui, Ujung Pandang, Menado, Gorontalo, Nabire, Palangka Raya, Kupang, Tanjung Karang, Manokwari (S Yokoyama, Nov IDXR) but 1200?

MALAYSIA R Mal KL at 1245 on 6025 in ML talk // 9665 9515 5965 5030 5005 4950 4895 4845 4835, till 1259, G 18 /10. R Malaysi-ia, Sibul, 6050 10/10 1001-1044 in Iban(?) DJ w/local pops, 1030 nx, 1038-1040 lcl instl mx; ID 1001, 1029, 1039 as "Ye) Radio Malaysia Sibul", S10 332 (Masao Oikawa, Saitama Japan, IDXR)

S P A I N SFR in EG: 00-02 Am 9630 6125. 05-06 Am 9630 6125. 1830-1930 Eu/ME /Af 15375 11820 9765 7275 6020. 23-24 Eu 7275 6020. Ladino for Sephardic Jews in ME Thu 1830-19 21575. Catalan/Galician/Basque: 0930 -10 Am 17845 & 15380. 1030-11 Eu/ME/Am 21575 17770 15395 11 920 11790 9570 7450. 2030-21 Eu/Af 17890 11 920 9570 7450. 23-2330 Am 151 25 9630. [Some of these start w/SP segment]. Chile Actualid ad pgm in SP: M-Sat 2350-24 15365 11945 11 775 9745 9360; Tue-Sat 0250-03 9745 9630 9360 6125. (WBI 21/ 11) 73 de gh

QSL REPORT

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

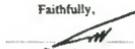
- ALASKA:** KNLS 11905 f/d "Station Building" cd. w/ schedule in 13 ds. for ms. (Weber-OH). 11850 f/d "Winter" cd. w/ Bible School application in 10 ds. for ms. (Kashiwabara-CA).
- ALBANIA:** Radio Tirana 7310 p/d cd. in 45 ds. w/ schedule. (Engelberts-FRG).
- ANTIGUA:** Caribbean Relay Company Ltd. (BBC relay) 9510 f/d ltr. in 44 ds. for ms. v/s J.J. Newbery, Company Manager. (Allen-OK). VOA 6130 w/ "Carib" typed on card in 5 wks. (Field-MI).
- ASIATIC RUSSIA:** Radio Moscow 9755 via Nokolavevsk-on-Amur f/d "Lenin Library" cd. in 2 mo. (Allen).
- AUSTRALIA:** VL8K 2485 Katherine f/d ltr. in 1½ mo. w/ data on VL8T in Tennant Creek. I sent a taped rpt. which was forwarded to the Central Australian Aboriginal Media Association (CAAMA). v/s R.H. O'Sullivan, General Manager, Northern Territory. Ltr. rcvd. from CAAMA in Alice Springs. v/s Ms. Maz Knott. (Kusalik-ALB).
- AUSTRIA:** Radio Austria Internatinal 6155 f/d cd. in 30 ds. for a GM rpt. Schedule rcvd. (Engelberts).
- BELIZE:** Radio One Belize 3285 p/d regular cd. w/ "One" typed in. Total time was 19 ds. w/ an EG rpt. and 2 IRCs. v/s Esme Anderson. (Weber).
- BOLIVIA:** Radio Santa Cruz 6135 p/d ltr. in 1 mo. after a f/up rpt. for a SP rpt. and ms. Pennant rcvd. v/s Alvaro Fuente C., Director. (Palmer-ersheim-MN).
- BOTSWANA:** Radio Botswana 4820 f/d cd. in 3 wks. for ms. v/s Ted Makgekgenene. (Weiss-OH).
- BRASIL:** Radio Universo 11905 p/d ltr. w/ n/d cd. in 2 mo. for a PT rpt. v/s Hermes Y. Akiyama, Executive Producer. (Palmer-ersheim). Radio Bras 11745 f/d "Copacabana" cd. w/ schedule in 25 ds. (Kashiwabara).
- CANADA:** Radio Japan 6120 via Sackville f/d "Map of North America" cd. w/ site in 3 wks. w/ schedule. (Field). f/d "First Day via Sackville" cd. in 3 wks. (Weiss). same cd. in 3 wks. (Palmer-ersheim). CFCX 6005 p/d cd. w/ ltr. in 9 ds. for ms. v/s Louise Kanter, Program Co-Ordinator. (Weber). CKZU 6160 f/d "CBC Centre" cd. in 15 ds. for 1 IRC. (Tutak-WA).
- CANADA (Pirate):** TNFM Gulf Island (x-KGRQ) 7420 f/d cd. w/ profile sheet and sticker in 2 mo. 150 watts. (Kusalik).
- CANARY ISLANDS:** Radio Exterior de Espana 15365 f/d "Castillo Nacional de Olite" cd. in 4 mo. Site on cd. as Tenerife. (Allen-OK).



Radio Jordan
P.O. Box: 909 Amman

MR. KIMS ALLEN
2337 JANE STREET
PONCA CITY, OK 74601

We have the pleasure to confirm your reception report dated 24 SEP 83 on the frequency of 11920 KHz. at 13:53/14:40 GMT. The programme details mentioned in your report have been checked and found correct. Thank you for listening to our transmission, and best regards from Radio Jordan in Amman.

Faithfully,

Director

THANK YOU

Date 12. AUG. 1986



**RADIO
TAHITI**



via Richard D'Angelo



POLYNESIE FRANÇAISE BP 175 PAPEETE

FREQUENCES

740 KHZ	20 Kw
6135 KHZ	4 Kw
9750 KHZ	4 Kw
11825 KHZ	20 Kw
15170 KHZ	20 Kw

CHILE: Radio Mineira 9750.2 f/d "Logo" cd. in 5 wks. for a SP rpt. on my 3rd. try. v/s Carlos Toledo Verdugo. (Palmer-ersheim). Radio Santa Maria 6030 n/d "7th Aniversario" cd. different from the cd. rcvd. last mo. (Howard-CA).

REPORT FORMS ARE AVAILABLE FROM YOUR QSL EDITOR.

XXV ANIVERSARIO

RADIO

"Santa Rosa"

500 Kcs.

POSITIVAMENTE SUPERIOR

1958

15 OCTUBRE

1983

- COSTA RICA:** Radio Relei 4832/6006 f/d cd. in 3 wks. for a SP rpt. (Field).
 * Radio Impacto 6140 f/d prepared cd. in 7 $\frac{1}{2}$ mo. after 4 rpts. for a SP rpt. Sticker and pennant rcvd. (Palmerheim).
- ECUADOR:** MCJB 15270 f/d cd. in 25 ds. w/ schedule for 2 IRCs. (Engelberts).
 6230/9870 f/d "Bird Painting" cds. in 3 mo. v/s Roger Stubbe. (Palmer-)
- EUROPEAN RUSSIA:** Radio Moscow Kingisepp 15320 f/d cd. in 40 ds. sheim-MN).
 (Allen). 15330 via Kursk f/d cd. in 68 ds. (Rigas).
- FRANCE:** Radio France International 11705 f/d "La Seine" cd. in 61 ds. w/ schedule. (Davisson-OH).
- GABON:** Radio Japan 9645 via Africa # One-Moyabi new style n/d cd. in 24 ds. for 1 IRC. (Tutak).
- GALAPAGOS ISLANDS:** HCVGB 4810 La Voz de Galapagos f/d prepared cd. in 33 ds. after 3 f/up rpts. in SP for 2 IRCs. v/s P. Victor Maldonado (Allen)
- GHANA:** GBC 4915 f/d "Golden Jubilee" cd. w/ schedule in 42 ds. for ms. which were not used. (Weiss).
- GREECE:** Voice of Greece 11645 via Kavala f/d "Knossos-Minos Throne" cd. in 47 ds. v/s D. Vafeas. (Rigas-IL). 9420 f/d "Apollo and Marsyas" cd. w/ schedule in 303 ds. (George-NC). Radio Station Macedonia 9460 f/d "Olympia" cd. w/ schedule in 105 ds. (D'Angelo-PA). 11595 f/d cd. in 74 ds. v/s D. Goussides, Director. (Paszkiwicz-WI).
- GUATEMALA:** Radio Maya TGBA 2360 f/d cd. in 1 mo. for a SP rpt. and 2 IRCs. Pennant rcvd. v/s Francisco Juan Pedro, Gerente. (Palmerheim). 3325 f/d cd. in 35 ds. for a SP rpt. and ms. (Rigas).

CHINA, PEOPLES REP. OF: Radio Beijing 9860 f/d cd. w/ pennant and sticker in 47 ds. for 1 IRC. (Engelberts). 15445 f/d "Peihai Park" cd. w/ brochures in 39 ds. (Weiss). f/d "Autumn View of Great Wall" cd. w/ pennant in 47 ds. (Weiss). 9550 f/d "Ceramic Figures" cd. w/ schedule and pennant in 45 ds. (Kashiwabara).

CIANDESTINE: Radio Fri Sranan (Radio Free Suriname) 9940 via La Voz del CID f/d ltr. in response to a * taped rpt. to CDN, Rotterdam, Holland address. v/s Johnny Kamperveen, Program Director. (Kusalik).

"Santa Rosa"

Lima, 25 de Setiembre de 1986

Señor
 Rog Howard
 P.C. Box 30060
 Santa Barbara
 U. S. A.

O-C-V-4M
 BANDA DE 40 METROS
 6,045 Kcs.
 O-B-X-4-1
 1,500 Kcs.

Estimado amigo:
 Me es grato dar respuesta a su informe de recepción de la Onda Corta de nuestra emisora, el cual se ajusta al programa radiofónico que se transmite diariamente en el horario indicado en su informe.

Radio Santa Rosa es una emisora cultural-educativa y Católica, que el 15 de Octubre cumple 25 años al servicio de la comunidad, en dos frecuencias y a nivel nacional Onda Corta y Onda Media. Precisamente el presente año estamos celebrando en el Perú el Cuatricentenario del nacimiento de Santa Rosa de Lima, primera Flor de Santidad de América.

Sin otro particular y deseándole éxitos quedamos de Ud. hasta una nueva ocasión.

Atentamente,

P. Juan Sokolich A. S. C. I.
 P. Juan Sokolich A. S. C. I.
 DIRECTOR

HOLLAND: Radio Nederland 6020/9895 f/d "Flevo/Map" cd. in 78 ds. (D'Angelo-PA).

HONDURAS: HRRI Sani Radio
 * 4755 f/d "Map" cd. in 1 mo. for a SP rpt. v/s Edward Pfister, Program Manager. (Field) personal 2 pg. ltr. w/ cd. in 26 ds. and an EG rpt. (D'Angelo-PA).

IRAN: Voice of the Islamic Revolution of Iran 9022 f/d cd. in 168 ds. for 1 IRC. (Forst-PA).

LAHORA EN
 TODO EL
 PERU
 Y EN EL
 EXTRANJERO



desde la cumbre del mundo
hacia el punto preciso de su dial

ALTIPLANO

RADIODIFUSORAS S.A.
LA PAZ-BOLIVIA

ISRAEL: IBA
9435 f/d cd.
in 50 ds. (Dav-
isson). 7410 f/d cd
in 43 ds. for 1 IRC.
(Engelberts). Rasht Bat
13745/11585 f/d cd. in 2
mo. (Kusalik).
JAPAN: JYJ 8000 f/d "Kimonos" cd.
in 18 ds. for 1 IRC. (Tutak).
Radio Japan 15230 f/d cd. in 2 wks.
for 1 IRC. (Engelberts).

VERIFICATION SIGNERS: Radio Capital 4850 Manuel
Correa. Radio Mundial Bolivar 4770 Luven Rossi Vera,
Director. Radio Melodia 6260 Hermeneges Delgado. La Voz
del Upano 5040 Luis Rivadeneira R., Director de la Emisora.
Radio Verdes Florestias 4865 Dom Henrique Ruth. Radio Yaracuy
4940 Antonio Campos. Adventist World Radio 5980 Juan Lopez, Sub-
Gerente. Radio Super Medellin 4775 Ismael Ochoa, Director. Radio
Damascus 12085 Alia Sharabati. Radio Bandeirantes 3285
Lourdes Elena Rodriguez, Secretary. AWR Alajuela
15460 David Gregory, Manager/Chief Engineer. Radio
Luz y Vida 4850 Eldy Torres P., Gerente. RRI
Ambon 4845 Drs. H. Ali Amran, Kepala Stasium.
World Music Radio/Radio Dublin 6910 Alvin Lee.
Radio Monte Carlo 15465 Pierre Casalta, Director
General. Radio Rwanda 3330 Fidele Nkulikiyumukiza,
Chief de la Section Documentation et Censure. Radio
Nacional 9734 Carlos Montaner, Director. Radio Nepal
5005 R.S. Karki, Chief Engineer. Radio Antena Libre
3240 Aldo Salvi. Radio Clarin 11700 Eduardo Tamarco,
Ondas del Orteguaza 4975 Jorge Daniel Calderon,
Gerente. Radio Sutatenza 5095 Nhora Rodriguez Gimenez,
Secretary.

via Ron Howard

Gloria a Dios en las Alturas
Paz en la tierra a los hombres
de buena voluntad.

1985 Año Nuevo 1986

RADIO AREQUIPA



COMO AREQUIPA

JAPAN: NHK-Kumamoto 6130 n/d ltr. w/ station photo in
5 wks. v/s Yoshiyuki Inatomi. (Howard).

JORDAN: Radio Jordan 11920 f/d cd. in 5 mo. for 2 IRCs.
schedule rcvd. (Allen).

KAMPUCHEA: Voice of the People of Kampuchea 9695 2nd f/d
ltr. 50 wks. after sending

the rpt. (Bishop-PHIL).

KUWAIT: Radio Kuwait 11675
f/d folder cd. in 22 ds.
for a taped rpt. Rcvd. tape
w/ Arabic music and schedule
(Engelberts).

LITHUANIAN SSR: Radio Vilnius 9710
f/d cd. w/ site via Moscow in
68 ds. (Rigas).

LUXEMBOURG: Radio Luxembourg 6090
f/d "Radio Towers" cd. in 4 1/2 mo.
for a taped rpt. Sticker rcvd. (Eck-

MALI: Radiodiffusion Tele-
vision Malienne 4835 via Bamako f/d
multi-colored cd. in 54 ds. for a
FR rpt. (Kusalik).

MEXICO: XEUJ 5982 n/d cd. for a SP rpt.
cd. contained photo of Benito Juarez.
(Field).

MOROCCO: Radio Mediterranee 15350 via
Nador n/d cd. in 21 ds. (Rigas).

NEW ZEALAND: Radio New Zealand 11780
f/d "Rugby" cd. w/ pennant and sched-
ule in 14 ds. for ms. and 1 IRC.
(Weiss).

NICARAGUA: La Voz de Nicaragua 6014.8
n/d form ltr. w/ schedule and pennant
in 45 ds. for an EG/SP rpt. Also rcvd.
sticker w/ national and Sandinista
flags. (Kashiwabara).

MAX-7W 1460 KC
DBX-7D 1230 KC
DBX-7E 9518 KC





COMITE INTERNACIONAL DE RESCATE

Apdo. Postal No. 713 La Caba, Alameda, Managua, Centro America

August 12, 1966

ORONCHAS FN.
BOUTWANA
BRESILAS
CONTA BECA
EL SALVADOR
GIBOVA
HONDURAS
HONG KONG
LIBANO
MADRID
MONTREAL
MORON
PAKISTAN
PARIS
ROMA
RUSSIA
TANAROMA
U.S.A.
VENA

Mr. Erik Allen
2237 14th St.
Pomona City, CA 74601

Dear Mr. Allen,

Thank you for your letter of July 15 informing us of receipt of our last transmission of the same date. Our frequency is 4755 kHz, as licensed with the government of Honduras at geographical coordinates of 15 degrees 10 minutes North and 83 degrees 46 minutes West in the town of Puerto Limpio, Gracias a Dios. Our call letters are 9800 and we are called "SAC BABEL".

Our purpose is to provide bilingual (Spanish/English) educational and public service broadcasts to the Mesoamerican population of the area.

Our transmitter is a Sinecronic ST-4-30 with 10 kW of power and we use a simple dipole antenna at 30 ft. which is probably around 90 ft. above sea level.

We are financed by funds from the United States Agency for International Development and will have our grand opening on August 18, 1966 after which we will transmit daily from 0600 to 1900 hours local time. Should you choose to monitor us we would be happy to hear your comments especially as to device reception as we are hoping to get good national coverage here in Honduras for possible support next year with nationwide educational programming.

Thank you also for the technical information which I will pass on to our field engineer.

I hope this information serves as a QSL as we do not have cards printed up as yet.

Sincerely,

Edward A. Pflister
EDWARD A. PFLISTER
Project Manager for Operations

1400 75th Park Avenue South, Forest Hill, New York 10586 - Tel: (212) 479-4899
Cable: Intersound, New York. Telex: 329791

NICARAGUA: Radio Zinica 6120 p/d ltr. in 50 ds. for a SP rpt. and 1 IRC. v/s Arturo J. Valdez.(Rigas).
NORWAY: Radio Norway International 9590 f/d cd. in 15 ds. w/ sticker and schedule for a GM rpt. (Engelberts). 15345 p/d "Native Costumes" cd. w/ sticker in 28 ds.(Kashiwabara).

PAPUA NEW GUINEA: Radio East Sepik 3335 f/d "Map" cd. in 41 ds.(Rigas)

PERU: Radio Atlantida 4790 n/d personal ltr. in 7 mo. for a SP rpt. on my 3rd try. v/s Socorro Snavedra Angulu, Secretary-Gerencia.(Palmerheim). Radio Chinchaycocha 4860 n/d personal ltr. w/ "Huanuco" postcard in 213 ds. for a SP rpt. and ms. Rcvd. via registered mail. v/s Norma Alejandra Baldeon Guere. (George). Radio Imagen 5200 n/d cd. w/ ltr. in 180 ds. for a f/up rpt. in SP and ms. v/s Daniel Coral Perez, Gerente.(Plum-NJ). Radio Santa Rosa 6045 f/d ltr. in 3 wks. for a SP rpt. (Field).

PORTUGAL: Radio Renascenca 11730 f/d cd. in 500 ds.(D'Angelo). Radio Portugal 11800 via Gloria f/d cd. w/ schedule in 2 wks. for a PT rpt. w/ ms.(Kashiwabara). (Field).

SAIPAN: KYOI 15190 f/d "Bird" cd. in 9 ds. for ms.(Kashiwabara). (Field).

SARAWAK: Radio Television Malaysia-Kuching 4950 f/d "Broadcasting House" cd. in 20 ds. for 2 IRCs.(Tutak).

SEYCHELLES: FEBA 11800 f/d cd. in 85 ds. for an 83 reception for 3 IRCs. v/s J. Reddy, QSL Secretary.(Allen).

SINGAPORE: BBC 9740 f/d "Transmitter Site" cd. in 14 ds. via Singapore address.(Rigas). Singapore Broadcasting Corp. 5052 f/d "Fireworks" cd. in 29 ds. for a taped rpt. and 1 IRC.(Kashiwabara).

SOUTH AFRICA: ZUO 5000 f/d "Map" cd. in 38 ds. for 1 IRC.(Forst). Radio Suid Afrika 4880 f/d "Springbok Radio" cd. in 16 ds.(Kashiwabara).

SPAIN: REE 9630 f/d "Castillo Nacional de Olite" cd. in 58 ds.(Davison). same cd. w/ schedule in 55 ds.(D'Angelo). "Castillo de Javier" cd. in 2 mo.(Palmerheim). 6020 f/d "Navarra Castle" cd. in 2 mo. w/ schedule.(Bishop).

SRI LANKA: Sri Lanka Broadcasting Corp. 9720 f/d cd. in 49 ds. for 2 IRCs.(Tutak). 9720/11800 "Studio" cd. via registered mail in 3 mo.(Kusalik).

SUMATRA: RRI Jambi 4927 f/d ltr. in 25 ds. for an IN rpt. and ms. v/s Syair Siak, Kepala Stasiun.(Davis-NW). RRI Pekanbaru 5894 p/d ltr. in 22 ds. for ms. v/s A. Hutasu-hut, Kepala Seksi Teknik. (Bishop).

SWITZERLAND: Swiss Radio International 9725 via Sottens, 6135 via Schwarzenburg and 9535 via Sarnen f/d cd. in 18 ds.(Rigas). 6135, 9885 and 11925 via Schwarzenburg and 9725 via Sottens w/ f/d cd. in 1 mo. after f/up request for sites. v/s Gillian Zbinden, Secretary. (Kusalik).



中華民國中央廣播電台收聽證明書

茲證明 茲在 於
 年 月 日 收
 聽到本台 千餘播音，根據報告
 所述，核對無誤，特予證明



中央廣播電台

中華民國 年 月 日

Central Broadcasting System
 The Republic of China
 VERIFICATION OF RECEPTION

This is hereby to verify that
 on _____ at _____
 has correctly monitored the signals of
 The Central Broadcasting System of
 The Republic of China
 at _____, U.S.A.
 on _____ KHz
 from _____ to _____ GMT
 on _____ of _____, 1966

Loe Jimie

No. 75068 The Central Broadcasting System
 Issued on August 21, 1966

QSL QSL QSL QSL QSL QSL

For, Para: John Wilkins, Wheel Ridge, Colorado, USA, CO 80033, 4365 Hoyt St. Apt 205

We are pleased to confirm your reception report of our transmission on the Frequency of 4850 KHz. on 09/17/84 between _____ and _____ hours

Confirmamos su reporte de recepción de nuestra transmisión en la Frecuencia de 4850 KHz. el día 17/09/84 entre las 02.20 y 04.45 horas (hora venezolana).

GRACIAS Y BUENOS DIAS

GERENTE DE PRODUCCION MANUEL CORREA

AV. FRANCISCO DE MIRANDA, CENTRO COMERCIAL LOS RUICES, 2da. PISO - LOS RUICES TELFS: 36.70.32 - 36.70.97 CARACAS, VENEZUELA

SYRIA: Syrian Arab Republic Broadcast ing Service n/d cd w/ paper flag. in 1 mo. (Weber).

TAHITI: Radio Tahiti 15170 f/d "Conch Blower" cd. in 49 ds. for a FR rpt. and 3 IRCs. (D'Angelo-PA).

TAIWAN: CBS 3335 f/d cd. in 55 ds. v/s Lee Ming. (Bishop).

TANZANIA: Radio Tanzania p/d cd. in 2 mo. for 1 IRC. (Allen).

TUNISIA: RTVT 7225 p/d personal ltr. in EG in 1 mo. for a FR rpt. and 2 IRCs. v/s Mongi Chaffi, Directeur General. (Allen).

UKRAINIAN SSR: Radio Moscow 11860 via Lvov f/d cd. in 2 mo. (Allen). Radio Kiev 9685 f/d "Flower/Birds" cd. in 122 ds. (Levison).

UNITED ARAB EMIRATES: UAE Radio Dubai 11955 f/d cd. in 23 ds. (Engelberts). 15320 f/d "Map" cd. w/ schedule in 44 ds. (Kashiwabara).

USA: KCBI 11735 f/d cd. in 18 ds. for ms. (Kashiwabara). Radio Earth 7355 via WHRI f/d cd. in 69 ds. for ms. (Kashiwabara). WINE 15185 f/d cd. w/ schedule in 16 ds. for ms. (Weber).



USA (Pirate): WGUT 1620 f/d "Logo" cd. in 3 1/2 yrs: after re-submitting my rpt. to the program director who, quite by chance, became a member of my engineering staff in NYC!!! (Tutak). TNFM 7473 f/d cd. in 84 ds. for 1 IRC. (Paszkiewicz-WI).

USSR: Radio Moscow 9880/9610 kiewicz-WI). cd. in 2 mo. for a SP rpt. (Field). 11860 cd. in 34 ds. (Levison). Radiostation Rodina 13755 cd. in 52 ds. for a RS rpt. (Levison).

VIETNAM: Voice of Vietnam 10040 f/d cd. in 46 ds for 1 IRC. (Engelberts).

YEMEN: PDRYBS 7190 f/d pink "Antenna" cd. in 9 mo. on 3rd try. v/s Faiza A. Rakeeb. (Palmerheim).

I KNOW ITS NOT SWBC, BUT... Our man in the Philippines Gerry Bishop reports a QSL from WSZB 158* on Palau. This was for an "Airborne" reception at 20,000 feet 600 miles west of Guam!

NOTES: Bill Plum of 12 Glenn Rd., in Flemington, N.J. 08822 carries a full line of ms., reception report cards, prepared QSL cards, airmail envelopes and personalized QSL/DX pennants. It is a very reliable service. Write to Bill for a complete listing of his service...Sam.

Ron Howard reports that DXing and QSLing is looking up. He has used Gerry Dexter's "Language Lab" for his reports. It works quite well.

E. Engelberts is a new contributor to the column. He uses an FRG 8800 with an active antenna. Nice to have you with us. Kirk Allen write that he is very pleased with the recent QSLs from Jordan and Galapagos. He has 6 more countries to go for #150. Also received letters from Charles Foxx, Jr. and from Peter Tutak who recently moved from New Jersey to Seattle, Washington.



Confirming your reception report of this station.

Freq: 11760 KHz

Date: 2-6-85

Time: 0345 - 0504 AMT

Pwr: 500 w.

Many thanks and best wishes,
 NOOROA E. TANGAROA
 DIRECTOR / CHIEF TECH.
 COOK ISLANDS BROADCASTING AND NEWSPAPER CORPORATION

he is very pleased with the recent QSLs from Jordan and Galapagos. He has 6 more countries to go for #150. Also received letters from Charles Foxx, Jr. and from Peter Tutak who recently moved from New Jersey to Seattle, Washington.

Till next time...73s

Sam



SCOREBOARD

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

DECEMBER 1986

Happy Holiday Greetings and welcome again to NASWA's Scoreboard. In this column, you have the opportunity to share your DXing progress with everyone. This month the Spotlight is on Oceana. C/H = Countries heard and C/V = Countries verified. Country counts are by the official NASWA Country List. Please note that HQ has a 1986 edition of the NASWA Radio Country List available for \$2.00. The next Scoreboard will appear in the March issue of FRENDX and the Deadline for submitting Scoreboard updates will be 14 February 1987. The Spotlight for the March issue will be on South America. You must update at least once a year or your entry will be deleted. If your totals have been deleted from the list due to failure to update, please send me your complete totals for each continent when you resubmit because the computer wipes out all data when your file is deleted. Many thanks to all who have contributed to this month's Scoreboard.

Name, State	Total		Oceana		Best Oceana QSL
	C/B	C/V	C/H	C/V	
James Young, CA	230	221	19	19	Cook Is
John Tuchscherer, WI	229			19	Fiji
Bob Padula, Austral.	223	217	19	19	Goroka
Edward Kusalik, Alb.	220	212	19	19	R Fiji 3230
Jerry Berg, MA	219	217	17	17	Fiji
Marlin Field, MI	218	217	18	18	R Kerema
Tom Williamson, Ont.	218	203	15	15	Fiji
Gerry Bishop, CA	217	195	18	17	Cook Is
Nobuaki Takahashi, Japan	217	186			
William Flynn, CA	216	200	19	19	Honiara 5960
Tom Gavaras, MN	213	206	18	18	Kiribati
Al Miller, OH	212	205	18	18	Fiji
Terry Krueger, FL	212	146	12	8	SIBS
Mitch Sams, KS	208	117			
John Sgrulletta, NY	207	206	15	15	Cooks Is
Terry Palmersheim, MN	207	174	18	18	R. Kiribati
Larry Abraham, MI	206	192	17	17	Cook Is.
Mark Koukol, IL	203	181			
Dave Valko, PA	203	170			
Steve Reinstein, FL	203	166	18	7	New Ireland
Bill Harms, FRG	203	131	18	13	New Ireland
Paul Buer, FL	202	187	17	16	Cook Is.
C. J. Orekar, CA	201	192	19	19	Tarawa
Ron Howard, CA		184		17	Fiji
Vladimir Cucura, PA	200	106			
Richard Davis, NM	198	181	18	17	Cook Is.
Del Fye, FL	198	180	18	13	Cook Is.
Harold Cones, VA	198	175	17	16	Fiji (VRH)
Steven Lare, MI	198	151	17	16	Cook Is.
C. Vernon Hyson, NC	195	176	14	13	R Noumea
Rick Krzemien, IL	191	156	18	16	Kiribati
Roland Schulze, FRG	189	179	17	16	Cook Is.5045
David Swaringen, NC	189	168	13	12	Kiribati
Nelson George, NC	189	164	17	17	Kiribati
John Bryant, OK	189	151			
Mike Hardester, CA	188	175	17	17	Fiji
Stephen Leite, MA	187	159	11	10	Cook Is
John R. Tow, AL	186	154	14	12	Cook Is

Name, State	Total		Oceana		Best Oceana	QSL
	C/B	C/V	C/B	C/V		
Kirk Allen, OK	186	145	18	17	Cook Is.	
Jerry Lineback, TX	186	107	14	8	SIBS	
John Huniwell, NJ	185	178				
Christos Rigas, IL	185	160	14	12	Cook Is	
Michael Schmitz, FRG	184	150	7	6	Vanuatu	
Charlie Hoffman, PA	182	148				
Ray Forsgren, WI	181	118	17	11	R W Highlands	
Hadley Cress, VA	181	8	9			
John Meyer, WI	180	138	16	12	Sorong	
Bob McCoy, -NE	175	87	15	4	E New Britain	
Ken Cobb, ME	173	129	12	9	Cook Is	
Morley Kirkland, Ont.	172	159	11	10	Cook Is	
David Jones, TN	170	145	12	10	New Ireland	
Gayle Van Horn, FL	170	137	15	10	Cook Is.	
Bob Streeter, NY	168	132	12	11	Cook Is	
Tom Laskowski, IN	167	128	13	12	RRI Fak Fak	
Thomas Giella, TX	166	5				
Norman Bobb, MN	165	1	14			
Sheryl Paszkiewicz, WI	164	140	14	13	Cook Is.	
Charles Foxx, Jr., VA	157	134	09	08	New Caledonia	
Peter Tutak, WA	157	121	11	9	SIBS	
Austin Kelly, IL	156	129	10	10	Cook Is	
Nolan Stephany, NY	147	128	11	11	Cook Is	
Tom Daly, NY	142	30	6	1	Australia	
Carl Mann, IA	141	121				
Steve Kennedy, TN	138	103	9	8	Solomon Is.	
Peter Dillon, MD	134	90	8	7	RFO Noumea	
Steve Forst, PA	132	85	9	7	Cook Is.	
Kenneth Hill, MA	132	83	9	7	SIBC	
Kevin Klein, WI	129	61				
Dale Park, HI	128	35	14	4	KFBS & RNZ	
Jerry L. Green, TN	127	95	7	7	SIBC	
Jim Renfrew, NY	127	72	5	4	RNZ	
Keiichi Kondo, Japan	126	82	11	6	SIBC	
Fr. John Eckert, PA	124	77	10	8	Tahiti	
Ichiro Maruo, Japan	121	85	15	11	Cook Is.	
Joe Talbot, Alb.	115	93	13	11	VJY Darwin	
Joe Kremer, IN	115	62	9	4	VNG	
Jackie Cole, CO	112	79	6	6	Papua/NG	
Don Watts, Quebec	108	61	5	4	Tahiti	
Dustin Brann, MO	108	48				
Tom McElvy, VA	107	90				
Bill Thim, CT	105	74	5	4	RNZ	
Tom Mooningham, MD	105	60				
Peter Giacobelli, NY	99	89	5	4	Tahiti	
Thomas Ross, IL	93	75	8	6	RFO Tahiti	
E. M. Church, VT	93	57				
Andy Rugg, Que.	80	68	2	2	ABC, Perth	
Ronald Purdue, MN	79	43	10	2	Australia	
Bob Nagel, PA	77	57				
Chris Sweitzer, FL	77	40	2	2	VLQ9 (VNG)	
Steve Schaub, IL	69	57	6	4	NBC Pt. Morsby	
Mike Magick, AZ	52	40	6	5	SIBC	
Jim Streitmatter, IN	52					

Thanks to all our contributors this month. Please share your totals with your fellow NASWA members through Scoreboard. Remember the Spotlight next time will be on South America and that the deadline will be February 14. If your name is missing from our list this time, you probably have not updated in the past year. Happy Holiday Cheer and Good DX to all. Merry 73s.

J.A.J.

WANTED: Older military radio equipment in portable, vehicle, or aircraft types and all related items. Old shortwave two-way equipment. Simple 1, 2, or 3 tube or transistor radios - Knight Spanmaster, Philmore, Meissner, etc. Early transoceanic-like transistor portables. Sony CRF-150/160. ALSO: Will pass along free my radio and electronics magazines to an interested hobbyist overseas. Preferable the recipient would be in a situation where such items are unavailable or overly expensive. Offer could include used serviceable electronics parts. Open to recommendations - nominations: East Europe, South America, Africa? Hugh Miller, 11206-1 NE, Seattle, WA 98125.



LOG REPORT

section A

2000 to 4899 kHz

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

- 2310 AUSTRALIA. VL8A Alice Springs, NT. 1118-1125. EE. Request folk music pgm, into native bush music //2325 VL8T Tennant Creek. (14/10 Twigge)
- 3240 ECUADOR. R. Antena Libre. 0230-0240. SS. Poor with EZL music. (14/10 Tuchscherer)
- 3255 LIBERIA. ELBC. 2310-0002. EE. Continuous music with mix of US pop tunes. (12/10 Jordan)
- 3285 BELIZE. R.B. 1127-1147. EE. TC with music, mainly oldies. (2/11 Bobb)
- 3295 SOUTHWEST AFRICA. SWABC. 0407-0430. EE/AK. Talk on SWAPO, killing, etc. (22/10 Jordan)
- 3310 BOLIVIA. R. San Miguel. 0207-0313. SS. Primitive and a cappella songs to 0300, then ID and some male dialogue. (19/10 Tuchscherer)
- 3315 INDIA. AIR Bhopal. 1710. Vern. Indian music with male singer, time signals, and nx in EE via Delhi at 1730. (4/9 Schulze)
- 3325 BRASIL. R. Liberal. 0740-0755. PT. Pops and DJ chatter with ID. (1/11 Alexander)
- 3340 PERU. R. Altura. 0115-0131. SS. ID, short talk by OM. (18/10 Tuchscherer)
- 3350 GHANA. GBC. 0545-0614. Vern/EE. //4915. Pgm of music, nx in EE @ 0600. (1/11 Alexander)
- 3396 ZIMBABWE. ZBC. 0319-0330. Vern. Music and talk in Vern. (4/11 Field)
- 3722 CLANDESTINE. R. Venceremos. 0030. SS. LA music, talk by OM, no // 's found. (2/11 Alexander)
- 3955 REP. SOUTH AFRICA. R. Orion. 0358. AK. Talk by YL and into music at 0412. (26/10 Johnson)
- 4000 CAMEROON. R. Bafoussam. 2202-2218. FF. Very good with news in FF. (16/10 Tuchscherer)
- 4039 PERU. R. Marginal, Tocache. 0320-0334. SS. Talk by OM to 0327, then LA mx. (17/10 Tuchscherer)
- 4460 PERU. R. Norandina. 0310. SS. Passages of flute and vocal music. (22/10 Klein)
- 4712 BOLIVIA. R. Abaroa. 0330-0420. SS. OM anncr w/talks, ballads. (11/10 Jordan)
- 4725 BURMA. BBS. 1427-1446. Vern. Local pop music, annts by YL. Poor. (22/10 Tuřak)
- 4749 BOLIVIA. R. Santa Ana. 0009-0032. SS. Talk by OM, ID @ 0026. (17/10 Tuchscherer)
- 4750 CAMEROON. R. Bertou. 1845. FF. Again active on this freq!! ID by male, African folk music, ID @ 1900 //5010. (20/10 Schulze)
- 4755 HONDURAS. HRR1 Sani Radio. 2303-2335. SS. ID, TC, news—some possibly in Miskito language. (10/10 Paszkiewicz) (19/10 Dillon) (12/10 Jordan) (11/10 Alexander) (11/10 Levison)
- 4760 LIBERIA. ELWA. 2215-2233. EE. Bible reading, music. (6/10 Bobb)
- 4774 INDONESIA. RRI Jakarta. 2045. Vern. Drame programme with native music. (25/10 Schulze)
- 4775 PERU. R. Tarma. 1055-1058. SS. ID and vocal NA. (11/10 Bobb)
- 4783 MALI. RTVM. 0556. FF. Guitar music at 0600, NA and ID in FF. (22/10 Johnson)
- 4790 PAKISTAN. Azad Kashmir Radio. 1159-1300. Vern?. Mention of Azad Kashmir, long talk in Vern, possible news at 1245. (27/10 Rigas)
- 4791 ECUADOR. R. Atalaya. 0100-0130. SS. French NA "La Marseilles" is played, then talk and into rapid-fire talk. (12/10 Jordan)
- 4810 PERU. R. San Martin. 1030-1044. SS. Andean flute mx, calling all listeners in the Americas. (23/10 Bobb)
- 4820 BOTSWANA. R.B. 0425. EE/Vern. Reggae mx by Burning Spear, ID. (20/10 Fisher)
- 4825 PERU. LV de la Selva. 2340-0003. SS. Lots of peruvian vocals, ID. (24/10 D'Angelo)
- 4832 COSTA RICA. R. Reloj. 1123-1132. SS. OM DJ w/TC's and ID's. (11/10 Dillon)
- 4845 MAURITANIA. ORTM. 2233-0000. AA. Arabic songs to 2300, news followed by excerpts of speaker before live audiences, 2336 music followed by recitations, S/off annt with NA at 2358. (10/10 D'Angelo), @ 2135 (8/10 Jordan).
- 4850 CAMEROON. R.C. Yaounde. 2050-2112. EE. News and ID by OM. (18/10 D'Angelo)
- 4825 BRASIL. R. Clube do Para. 0150-0220. PT. Live comedy show, ID and freq annt at 0200, love songs and ID's followed. (2/11 D'Angelo)
- 4890 PAPUA NEW GUINEA. NBC. 1020-1100. EE. OM w/ pop music by Phil Collins, mx bridge talk about US/USSR meeting. (8/10 Jordan)
- 4940 IVORY COAST. RTVI. 2151. FF. //9620 kHz. Clear ID's, african folk mx. (15/10 Schulze)

A nice selection of African and latin stations this month!! Welcome back to Roland Schulze of West Germany, who we have not heard from in a few months.

HAPPY HOLIDAY'S to all. Let's do it again in a month. 73's and CU in 30H

Mike



LOG REPORT

section B

4900 to 6199 kHz

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

- 4905 BRAZIL R. Araguaia, futbol w/near hysterical OM anncr, 0005-0030 10-30 (Jordan).
- 4905 CHINA CPBS-Beijing, CH 2028 10-25, ID, opera mx (Schulze).
- 4915 BRAZIL R. Anhanguera, 0610 11-1, Br.pops, ID, amnts, weak under Ghana (Alexander-PA).
- 4915 BRAZIL R.Nac.Macapá, hypersonic OM anncr w/futbol, 0030-0100 10-30, good (Jordan).
- 4915 COLOMBIA Armonias del Caqueta, US pops 0305, jingles, IDs 15-mins apart (Jordan).
- 4915 GHANA Accra, 0602 in EG, Afr nx, IDs, poor sig (Kashiwabara-GA); fair 2238 10-1 with drums, singing, GBC ID 2245, into nx, gal anncr, chants and mx after nx, ID 2305 (Moman-DR).
- 4919.5 PERU R.Central, huaynos 1102 10-23, UTC-5 TCs, fair till Quito *1106(Wilkins-CO)ALB).
- 4920 AUSTRALIA ABC-Brisbane, 0855 11-7, pips on hr, ID, nx (Turner-NY); 0619 till past 1000, mx, nx, fair signal (Schanke, 11-8).
- 4920 CHAD N'djamena, *0455 11-1, xlyo IS, NA 0457, kids chorus, opening amnts, Afr mx (Alexander-PA); no ID but rptd here; Afr mx, FR talking 0535-0545 (Field-MI).
- 4920 ECUADOR R. Quito, 0453-0501* 10-5, "LV de la Capital" ID, fair (Kashiwabara-CA).
- 4930 HAITI 4VEH, relig.prgm 1115 10-12, FR (Dillon-MD); SP ID 2200, drama, poor(D'Angelo-PA).
- 4935 PERU R. Tropical, vy weak 10-9 to 0339*, talks, SP vocals, ID, NA to close (Jordan); last vocal, SP anmt, NA to 0407* on 10-18, poor in static (D'Angelo-PA).
- 4940 IVORY COAST Abidjan, FR drama 2225 10-17, outstanding sig (Klein); in FR to 2400* 11-1, pops, elec.sound effects, off with NA, no //s hrd; not on 9620 this night (Alexander-PA).
- 4945 COLOMBIA Caracol Neiva, LA mx 1031 10-12, "Aqui Caracol" ID, fair sig (Dillon-MD).
- 4945 S.AFRICA R.RSA, poor 1600 10-1, IS, lang talk; this & Togo best for long path(Moman-ALB).
- 4950 PERU R. Madre de Dios, 0100-0200 11-3 with pops, OM reading repn rpts, fair (Wilkins-CO)
- 4955 BRAZIL R. Cultura, tough copy 0130 10-30, muffled ID, instr.mx, talk, VP (Jordan).
- 4960 ECUADOR Tent. R.Federacion, 0210-0222* 10-30, mx, psble.ID, mx close, vy poor (Jordan).
- 4960 UNID. Bodacious signal from Afr lang stn, 0245 10-21, Billy Ocean mx, S9 (Klein).
- 4960.4 MALAGASY R. Madagasikara, 0250 tent.ID 10-4, talks, mx, groups, vernac (Schulze).
- 4965 BRAZIL Tent. R. Potti, vy poor to 0320* 10-12, talks, mx, IDs, pretty sure (Jordan).
- 4970 VENEZUELA R. Rumbos, lively LA mx 1011 10-12, ID, 1019, bells betw.amnts, gud(Dillon-MD).
- 4970 PERU R. Imagen, ID and vocal mx 1053 10-23, Rumbos bet (Wilkins-CO).
- 4976 UGANDA Kampala, EG 0410 11-1, nx, Afr mx 0420, vy weak, best on USB, not audible next night (Alexander-PA); EG mx, pop mx, religious prgm 1905 10-5 (Schulze).
- 4980 VENEZUELA Ecos del Torbes, DJ 1136 10-12, ID, LA mx, TCs, deteriorating 1200 (Dillon-MD)
- 4985 BRAZIL R.Br.Central, PT pops 0525 10-11, ID, jingles, Brazil mentions (Alexander-PA).
- 4990 S.AFRICA R.RSA, *0256 10-11, EG nx 0300, poor, //5980, 7270, 9585 (Alexander-PA); seemed this one 0300 10-18, seemingly EG nx, poor, bad het from Ancash (Kashiwabara-CA).
- 5005 EG.GUINEA Bata, ID 2100, nx (Twiggs-CT); on lade for Indep.Day 10-12, tribal mx, live audience, IDs, NA to 0104* (D'Angelo-PA); ditto, very poor sig 10-12 (Kashiwabara-CA).
- 5010 CAMEROON Garoua, *0428 10-12, IS, NA, EG and FR amnts, into recitation, fair(D'Angelo-PA)
- 5010 PERU R. Eco, 0340 10-18, ID, ad string (D'Angelo-PA); 0351-0423 10-7, ID, ads, mx, poor sig (Kashiwabara-CA); 0405 10-18, clear ID, romantic mx, static crashes (Schulze).
- 5015 CLANDESTINE R. Truth, *0400-0438 11-2, IS, vernac, Afr mx, EG 0434, weak (Alexander-PA).
- 5015 PERU R. Moyobamba, nearly useless to 0257* 10-15, mx, ID, NA to close (Jordan).
- 5015 USSR Vladivostok, to 1400* in RS 10-1, instr.mx, anmt, Vlad ID, good sig (Kashiwabara-CA)
- 5020 ENGLAND Weekend Mx Radio pirate, 0023 10-5, EG pops, Cambridge address (Schulze).
- 5020 SOLOMON IS. Honiara, 1055 10-13, ID, local nx 1100, EG and Pidgin (Hill-MA).
- 5021 VENEZUELA R. Nacional, 2300 with nx, LA mx, bad modulation (Schulze); 0610 10-19, mixed LA and EG mx, IDs, fair signal (Kashiwabara-CA).
- 5025 CUBA R. Rebelde, 0045 10-19, LA mx, M&W talking, //600 (Alexander-PA).
- 5035 CENTR.AFR.REP. Bangui, 0515 10-16, mx prgm, FR talking, no ID, weak sig (Field-MI).
- 5040 ECUADOR LV del Upano, 0110 11-1, HC mx, many IDs, usually closer to 5038.8 (Alexander-PA); to 0243* 10-8, s/off ID, NA, fair (Kashiwabara-CA); 1048 11-1, trumpet fanfare, long ID anmt, then tune from Beethoven's 9th, suddenly off the air; fair (Bobb-MN).
- 5047 TOGO Lome, EG nx 1950-1959 10-25, ID, "this nx coming to you from R. Togo," into FR at 2003 (Schulze); 2350-0004* 10-11, local Afr mx, nx 2400, short NA 0003 (Alexander-PA).
- 5050 ECUADOR R.Jesus del Gran Poder, relig.prgm 1010 11-4, ID, good till 1030 QRM (Jordan); poor to 0108* 10-26, light instr.mx, HC mx, no NA (tho NA noted other days)(Alexander-PA)
- 5055 ECUADOR R. Catolica Nacl, 1027 10-31, bell IS, M&W with IDs, vocal NA, QRM (Bobb-MN).
- 5055 FR.GUAYANA Cayenne, *0900 10-19, IS, NA, mx, ID and talk., poor, //3385 (Bobb-MN).
- 5055 USSR Rv., in RS 1925 10-25, ID, TC, pops, not listed; s/off is 2102 (Schulze).
- 5061 ECUADOR R.Nac.Progreso, 11-1 0310 with EZL mx, echo amnts, ID, gone 0353 check; also at 0514* 10-18 (Alexander-PA); 0345 10-22, song, talk, ID at 0355 (Johnson-CA); mx prgm at

0350 11-16, Loja reference, off with HC NA (Field-MI); ad for Loja almacén 1059 10-23, canned "Sistema Progreso" ID, also hrd with sports 0230 11-11 on 5065 (Wilkins-CO).

5061 PERU R. Amazonas, LA songs, ID 0402 10-31 as "R. Amazonas presenta" (Tuchscherer-WI).

5095 CHINA CPBS-Beijing, CH 2120, local mx, armts; make it tentative (Schulze).

5095 COLOMBIA R. Sutatenza, lively mx 0115 11-4, ID, exc, had been inactive (Trotto-FL); 1055 10-23, back with us again, fair-good signal (Bobb-MN).

5533 COLOMBIA New R. Nueva Vida, poor-fair 0230 11-2, VG at 0330 retune (Tuchscherer-WI).

5575 CLANDESTINE KW Radio, pirate, 0117 10-24, BC address, good till arnd 0155 (Field-MI).

5800 PERU R. Frecuencia San Ignacio, fast-talking OM anncr 0143 10-7, flutes-and-vocals, well hrd in Oct (Klein); presumed, Banco Amazonico ad 0259 10-23, nice OA mx, sev. mentions of "R. Vos de Cajamarca," 0421* with short NA (Wilkins-CO).

5885 ISRAEL Kol Israel, EG in NAM Svc 0122 10-4, ID, address, 0125* (Slagt-ARUBA).

5889 CLANDESTINE LV de la UNO, numerous Nic references 0220-0301* 11-2, ID 0225, orch.anthem at s/off; fades (D'Angelo-PA); to 0300* 10-25, talk, IDs, mx breaks (Alexander-PA).

5900 CUBA R. Rebelde here 1035, Shevornadze visit to Mex, in SP 10-4 (Slagt-ARUBA).

5930 CZECHOSLAVAKIA Prague, 0100-0157*, EG to NAM, IS, ID, nx, F-G (Jordan, Levison-PA).

5950 CLANDESTINE R. Miskut, 1130-1219* 10-18, SP, EG, local, good w/IDs, pol.talk, NA 1219 (Rigas-IL); *1130 10-16, ID, clandestine talk, some mx, UNO here eyes (Field-MI).

5975 SINGAPORE BBC WS, EG nx 1607 10-20, cmtry, site ID 1630; poor sig (Park-HI).

5975 ENGLAND BBC WS, world nx 0000 10-17, Nx Abt Britain, R.Nxrel, //6120,6175 (Dillon-CO).

5980 SABAH Kota Kinabalu, 1110 10-19, EG nx, ID, pops, Malay 1200, fair (Kashiwabara-CA).

5980 S.AFRICA R.RSA, EG 0237 10-21, S.Afr wildlife, nxbrief, IS, signal drop, poor (Park-HI).

5980 TAIWAN Voice of Asia, SG 1600 10-18, pops, hard to understand gal, //7445 (Park-HI).

5981 GUATEMALA Union Radio, 1148 11-1, SP, mx excerpts, Handel, ID 1156, fair (Bobb-MN); AWR prgm 1152-1200 10-21, talk, prayer, armts, ID, fair-good (Paszkiwicz-WI).

5985 BURMA Rangoon, EG 1446 10-23, regional nx, P-F under Tokyo-5990, obliterated by Tokyo IS 1456; ID 1453, "This is the Burma Broadcasting Service" (Tutak-WA).

5985 USA VoFC over WFR, 0206 10-8, vy good with EG nx on Daniloff, fast food (Levison-PA).

5995 AUSTRALIA RA, 1258 after WHRI, fair (Dillon-MD); fair 1603, nxbrief, 10-18 (Park-HI).

5995 PERU R. Melodia, PSAs 1025 10-4, hvy GRM from R. Australia (Slagt-ARUBA).

5995 USA WHRI, contemp.relig mx 1245 10-11, OM DJ, UTC TC, to 11790 at 1257; good (Dillon-MD).

6005 ASCENSION IS. BBC relay, "Postmark Africa" 0520 10-5, not // other WS fqys; fair (Hill-WA).

6005 CANADA CPCK, rock mx 1134 10-11, wx, DJ, Montreal election talk, ads, fair (Dillon-MD).

6010 PERU R. America, LA mx 0847 10-26, talk by OM anncr, ID 0850, fair sig (Trotto-FL).

6010 USA KGEI, EG/RS 0930 11-2, ID, RS talk, good sig (Bobb-MN); RS 1020 10-3, relig.mx, talks, fair sig; also 1045 10-22, hymns, bells 1100, ID, fair-good (Jordan).

6015 IVORY COAST Abidjan, *0559 11-1, xylo IS, NA, FR nx, //4940; not on 7215 this nite (Alexander-PA).

6015 PIRATE "Voice of Communism" 1435 10-23, take off of 980 (Turner-NY).

6015 S.AFRICA R.RSA, *0152-0215 10-17, EG, nx 0200, //5980, 9615 (Kashiwabara-CA).

6020 NETHERLANDS RN, 0305-0320* 10-4, nx, human int.items, //6165,9590 (both exc) (Jordan).

6025 HUNGARY Budapest, EG 0310-0327 10-1, sports nx, fair signal (Kashiwabara-CA).

6031 BRAZIL R. Globo, lively mx 0842 10-26, ID, mx, wiped out by AFRTS carrier; fair (Trotto-FL); pops 0853 10-16, ads, moving farther from nominal 6030 (Wilkins-CO).

6040 ANTIGUA DW relay, EG 0118-0149*, editorials, good, ID as Carib.Relay stn (Kashiwabara-CA).

6045.6 COLOMBIA R. Melodia, Xmas songs 0128 11-11, IDs, TCs, VG; not Sta.Rosa this hr (Wilkins-CO).

6045 GFR DW, SP 0230-0250, exc sig, EG 0300-0350 tho EG not listed for here (Jordan). CO.

6055 FR.GUIANA RFI, EG nx-and-interview format 0515 10-29, poor signal (Park-HI).

6060 AUSTRALIA RA, rock mx 1150 10-11, ID, Intl Rpt 1200, Havana GRM till 1200 (Dillon-MD).

6068 USSR RMWS, EG 1608 from Siberian site, poor, better on SSB than AM (Park-HI).

6080 CANADA CKFX-Vancouver, DJ 1919 10-13, ads, C&W, wx, regular in afternoons; fair (Tutak-WA).

6115 PERU Apparently R. Union, 0838 11-2 with IDs, OA mx, fair signal (Bobb-MN).

6120 JAPAN R. Japan, sports, talk, 1058 10-8, ditto in EG 1100 10-15, good sigs (Levison-PA); EG nx, Asian nx, cmtry 1100-1130 10-7 (Turner-NY). RCI-Sackville relay, not Tokyo (JB).

6120 NICARAGUA R. Zinica, clear 1129 after Japan off. LA vocals, ID, nx, poor overall 10-23 (D'Angelo-PA); IDs and talk at 1201 10-21, audible after Japan relay s/off (Twiggs-CT).

6125 ENGLAND VOA relay, AR 0553 10-26, short EG lesson 0555, into EG 0600 (Johnson-CA).

6125 GDR RFI, in EG at 2312 10-10, comments on Africa, fair signal (Levison-PA).

6125 USA AFRTS-Delano, filler mx 1100 10-9, pips, NPR Morning Edition; poor (Park-HI).

6135 BRAZIL R. Aparecida, PT talk 2355 11-1, Br.mx, //5035, 9635, good sig (Alexander-PA).

6135 POLAND Warsaw, IS 2305 10-15, ID, clas.mx, //7270, 7125, no sign of Brazilian (Alexander-PA).

6135 SWITZERLAND SRI, 0215-0230 10-17, EG, //9885, 9725, both fair (Jordan).

6135 SWITZERLAND ICRC Radio, 0318-0327* 10-31, interviews, ID, EG, fair, //a unhrd (D'Angelo-CA).

6140 COSTA RICA R. Impacto, mx and talk 0540 10-26, improved 0550, ID (Johnson-CA).

6160 CANADA CKZN-St.Johns, tent., 1107 10-21 with nx, wx, kids prgm, St.Johns ment. (Witzig).

6160 CANADA CKZU-Vancouver, 0708 10-9, pre-rock mx, CBC and CKZU IDs 0801, fair (Kashiwabara-CA); CBC nx at 2100 10-8, CBC ID 2104, into clas.mx prgm "RSVP," good sig (Tutak-WA).

6165 NETH.ANTILLES RN-Bonaire, SP 0354 10-11, telecom.prgm, GH DX nx (Park-HI).

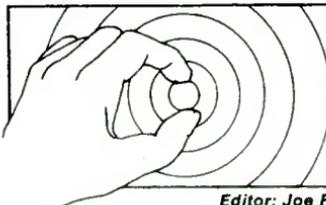
6165 N.KOREA Pyongyang, JP 1230, ID, talk abt 88 olympics, fair sig (Kashiwabara-CA).

6165 USSR RM, fair 1600 10-8 with IS, CH ID and armt, band mx, nx, //6145 (Park-HI).

6170 COLOMBIA LV de la Selva, canned ID 1035 10-16, ads (incl.tick killer) (Wilkins-CO); very good 1055 10-18 with restaurant ad, fqys, jingles, local mx (Rigas-IL).

6174 PERU R. Tawantinsuyo, nice OA mx 1025 10-16, clear till TIFC on 1026 (Wilkins-CO).

6188 PERU R. Oriente, nx 1108 10-24, mx, armts; fair (Wilkins-CO). +++ See you in Jan.73-8



LOG REPORT

section C

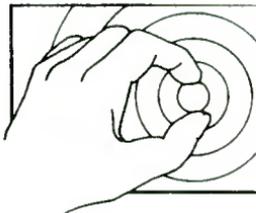
6200 to 11699 kHz

Editor: Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004

This month's guest conductor is Bob Hill. All aboard!

- 6205 PAKISTAN: RP -- *1915-2015* FR heard well on this NF, poorly on // 7365 (BH 11/7)
- 6245 DOMINICAN REP.: R. Discovery -- 0215 EG pgm re Dom. Rep.; Bob Marley reggae; ID "This is Radio Discovery, the Voice of the Caribbean." Weak on 10/27. (Fisher) 0248 Jeff White travelog, vocals, ID, time check, address; 0300 into SP. (Paszkiwicz 10/23)
- 6281.4 PERU: R. Huancabamba -- 0206 SP talk, LA mx; weak and buried by CW. (Klein 10/15)
- 6620 CLANDESTINE: R. Venceremos -- 0120 excited SP talk re Nicaragua and El Salvador, then ID. (Fisher 10/20)
- 6727 PERU: R. Satélite -- 0300 usual mx, W DJ, ID's to 0340*. (Field 11/5)
- 6793a (T) PERU: UNID -- 0225 mx, many refs to Huancabamba; 0303*. (Field) [This would be R. Sensación, reported on or about 6791.5. -- BH]
- 6815 (T) PERU: R. Universo -- 0205-0215 vocals, strange instrumentals, SP talk; P. (Paszkiwicz 10/20)
- 7100 PAKISTAN: RP -- Heard on this NF since 11/3 w/ *1800-1900* UD; F at s/on, quite G by closedown. (BH)
- 7105 MONACO: TWR -- 0630-0702 relig pgms; 0700 EG ID. (Alexander 10/18)
- 7105 UAE: UAERT, Dubai -- *0330 EG s/on ancts, world nx; NF to N. Am. (Thunberg 10/30)
- 7205 MONACO: TWR -- 1100 IS, *1105 GM; F. Other Eu stations in at this time: Brussels/7140, Warsaw/7145, DDR/7185, Tirana/7300. (BH 11/13)
- 7255 NIGERIA: VON -- 0514 EG ID, TC, ancd BC to W. Af.; into "Africa This Week." (D'Angelo) 0558 closing EG ancts, IS, into FR. (Johnson) 0714 Hausa talk (perhaps nx); mtd death of Moz. Pres. Michel. (Slaagt)
- 7260 INDIA: AIR -- 2258 IS, *2300 s/on ancts in EG, then into HD // 3905; fairly strong but w/ echo, flutter, low audio. (BH 11/6)
- 7270 POLAND: R. Polonia -- 0042 PL; E. (Slaagt) 2234-2257 EG nx, cmntry, mbg; better than // 6135. (Paszkiwicz)
- 7285 GERMANY, WEST: DW -- 0210 Asia Svc; EG i/v w/ P. Ustinov. (K. Hill)
- 7295 USSR: R. Tashkent -- *1200 EG; ancd "11.785/9.600/9.540/7.275/5.945" but not this NF. Strong here and on 7275. (BH 11/2)
- 7310 USSR: RM -- 0150-0231 EG talk re Reykjavik summit; G. (Bonnet)
- 7320 ENGLAND: BBC -- 0435 AR mx and talk; QRM co-ch USSR. (Johnson)
- 7373 USA (Pirate): R. Clandestine -- 0410-0500 rock mx (ZZ Top, Lou Reed), fake ads, DJ "R. F. Burns"; F-G. (Wallace 10/25)
- 7400 USSR: R. Magallanes -- *0200-0229* SP talks, discussions, etc. (Jordan)
- 7412 USA (Pirate): Secret Mtn. Lab. -- 0105 EG political and military skits and spoofs; also country mx. (Jones 11/1)
- 7464 ISRAEL: VOI -- *0000-0030 EG, 0030 HB // 9435/5885. Anct 7465 but been hrd on 7464 since 9/14. (Alexander 10/26) 0200-0225 EG nx, features, etc. (Dillon, Bonnet)
- 7470 CLANDESTINE: R. Caimán -- 0145-0200 SP, rock mx, W DJ. (Turner)
- 7485 GREECE: RS Makedonias -- 2200-2220* GK, IS, nx // 7495. (Rigas 11/9)
- 8000 JAPAN: JUY -- 1529-1551 pips, voice/CW ID's at 1529:26 and 1539:26. Off between 1535-1539; // 5000, both G. (Tutak 10/13)
- 9290 CHINA: RB -- 2140 RS, 2155 ID, IS; 2156*. (Thunberg 10/23)
- 9395 GREECE: VOG -- *0400 to Arabia/Indian Ocean in GK; mix of vocal and instr mx // 9425/7430. (Jordan)
- 9455 PAKISTAN: RP -- 1654-1710 EG; Pak mx to ID, pips, TC, nx. (D'Angelo)
- 9455 USA: WMLK -- 0405 EG pgm on need for study of Bible prophecy. (Jones) 1710-1740 talk re Middle East, agriculture; F. (Bobb)
- 9480 ALBANIA: RT -- 1830 EG ID, nx. (Laskowski)
- 9490 USSR: RM -- 1840 RS talks re Reykjavik, etc.; 1900 IS. (Jordan)
- 9495v PAKISTAN: RP -- Noted here (nominal 9505?) since 11/7 w/ HD xmsn *1115-1215* // 11640. Audio occ disappears for minutes at a time. (BH)
- 9535 CHINA: RB -- *1100-1155* EG; nx, cmntry, mbg, sked. (Jordan)
- 9540 VENEZUELA: R. Nac. -- 1830 Carib mx; SP feature re Bolivar. (Slaagt)

9550 LIBERIA: ELWA -- 1213 IS way u/ RHC; *1215 presumed FR. (BH 11/8)
 9553 EQUATORIAL GUINEA: RNGE -- 2145-2200 SP, vocals, NA. (Bobb 10/20)
 9565 KOREA, SOUTH: RK -- 0700* after EG ID for S. E. Asia svc. (Slagt)
 9570 GABON: R. Japan Relay -- 0603 GM nx, ID; E. (Johnson)
 9575 MOROCCO: R. Medi 1 -- Clear after VOA 2200* w/ FR nx; mix of EG and FR
 rock vocals from 2213. (D'Angelo 10/8)
 9580 AUSTRALIA: RA -- 0900+ EG nx, mx. (Schanke) 1126-1227 Aussie C&W mx;
 1200/1230 nx. (Dillon, Witzig)
 9580 SOUTH AFRICA: R. RSA -- 2334 SP talk re QTH of xmtr plant. (Slagt)
 9615 SOUTH AFRICA: R. RSA -- 0210-0230+ world and So. Af. nx, interview,
 cmntry, mbg // 6015 (F-G) and 5980 (P). (Jordan)
 9620 IVORY COAST: RTI -- 2003-2402* FR/vernac, some EG; Af folk mx, R&B,
 jazz, big bands. (Schultze, Jordan, Bobb)
 9640 ALGERIA: RTA -- 1905 FR world nx, then narly solid hour of AR instr and
 vocal selections; P. (Jordan)
 9640 GERMANY, WEST: DW -- 0155 GM; 0159 IS, ID, freqs; G. (Hollerman)
 9645 GABON: R. Japan Relay -- 2300-2359 EG; ID, nx; QRM de 9650. (Dillon)
 9650 NETHERLANDS: RN -- 1050-1107 EG; EZL mx w/ M ancr. (Witzig)
 9655 AUSTRALIA: RA -- 0710 EG nx re S. E. Asia and Australia. (Slagt)
 9655 THAILAND: RT -- 1245 M in Khmer, 1301 local melody, 1306 EG ID (seeming
 taped) giving freqs as 11905/9655/927 kHz/94 MHz FM. Into extended
 vocal number, then repeated ID 1311 and into Malay. (BH 11/2)
 9660 AUSTRALIA: ABC, Brisbane -- 0619-1000+ EG; co-ch Latin QRM. (Schanke)
 9660 VENEZUELA: R. Rumbos -- 0335 SP pops, ancts // 4970. (Alexander)
 9665 IRAQ: VO Masses -- 1740-1900 AR talks, nx, mx, chants. (Jordan)
 9665 PHILIPPINES: FEBC -- 2155 EG ID, into CH w/ slow mx. (Schultze 9/30)
 9675 EGYPT: R. Cairo -- 0310-0328* EG; mbg, ID's // 9475. (Trotto)
 9675 PERU: R. del Pacifico -- 1054 SP ID; 1056 Japan QRM. (Field)
 9680 AUSTRALIA: ABC, Lyndhurst -- 0814-0821 EG political talk. (Trotto)
 9680 GERMANY, WEST: DW -- *0830 Romanian; P w/ Australia QRM. (Trotto)
 9690 ARGENTINA: RAE -- 0100 EG ID, freq, talk. (Slagt) 0330 SP; tangos,
 sports nx. (Slagt)
 9700 BULGARIA: RS -- 2132 EG nx re Reagan-Gorbachev talks. (Purdue)
 9715 KUWAIT: RK -- Here x-9840 w/ pips and ID in AR 1700; into nx // 9880.
 But found on 9840 at 1530 next day. (BH 11/14, 11/15)
 9720 ALASKA: KNLS -- 0415 EG ID, Bible reading; best ever here. (Field (10/8))
 9720 SAUDI ARABIA: BSKSA -- 1627 EG ID "This is Riyadh" during pgm about
 Islam. (Twiggs 10/13)
 9720 UNIDENTIFIED -- 0145 "Back to the Bible"; 0200 five tones and un-
 readable ID. (Field 10/23) [Perhaps Sri Lanka? -- BH]
 9725 SWITZERLAND: SRI -- 0115 continuous Swiss mx; VG. (Levison)
 9750 CHILE: R. Minerfa -- 1045 SP nx, ID; xing BBC. (Field 10/22)
 9750 KOREA, NORTH: RP -- 0530 CH, 0549* after anthem. F w/ fading but no
 flutter. Unusual reception for this time of day here. (BH 11/10)
 9760 BRAZIL: R. Nac. Amazonia -- 0125-0201* PT; lively Brazopops, slick
 promos, echo ancts; ID's often and at s/off. (Jordan, Alexander)
 9770 IRAQ: VO Masses -- 0135 AR drama. ID " ... min Baghdad, sawt ul-
 jamahir"; call to prayer. 0200 ID, Qur'an. (Dillon)
 9785 USSR: RM -- 0117 SP cmntry critizing Reagan for summit failure. (Slagt)
 9791 PAKISTAN: RP -- NF for Banqla *1230-1445*; often F-G. (BH 11/3)
 9840 KUWAIT: RK -- 2045 AR discussion re publishing; ID "Huna al-Kuwait."
 2100 pips, world nx, sked. (Dillon 10/6) [Also see 9715. -- BH]
 9870 GUAM: KTRW -- 1324 Radio Bible class, 1331 "This is the external
 service of Trans World Radio, Pacific"; weak. (Alexander 10/26)
 9880 BELGIUM: BRT -- 0815-0825* EG, ID, talk re Flemish community. (Trotto)
 9895 USSR/FE: RM -- 1233-1240 JP talk re USSR-Japan history. (Kashiwbara)
 9900 EGYPT: R. Cairo -- 0105-0155 AR for N. Am; talks, local instr mx; P.
 (Johnson, Jordan) [Another reporter ID'd this as Saudi Arabia on
 10/15 and UAE on 11/3, but Cairo is what's here. -- BH]
 9900 KOREA, SOUTH: RK -- 1700-1705 poss VT; IS and into nx. (Kashiwbara)
 9905 USSR: RM O-1 -- 0708-0714 RS in USB; ID, clas mx. (Trotto 9/14)
 9910 INDIA: AIR -- 0000 EG ID, W talk; cut off, but back 0010. (Slagt 11/3)
 9912 INDIA: AIR -- 0055 S/C mx, 0100 TC for "0600"; ID, nx. (Johnson)
 9940 CLANDESTINE: R. Camilo Cienfuegos -- 2154-2235 SP, ID's for this and
 CID; 2230 into R. Free Surinam. (D'Angelo 10/24)
 9945 CHINA: RB -- 1055 CH folk mx, 1058* after "East Is Red." (Slagt)
 9977 KOREA, NORTH: RP -- 1220-1231 SP; ID, cmntry // 9960. (Kashiwbara)
 10010 VIETNAM: VOV -- 1225-1300 presumed CH; talks, i/v's, mx. (Jordan)
 10040 VIETNAM: VOV -- 1220-1245* presumed JP; talks, nice mx. (Jordan)
 10235 USA: VOA, Greenville -- 0300 USB feed w/ EG nx. (Tuchscherer)
 11595 GREECE: RS Makedonias -- 1420-1450 GK; lively folk mx. (Jordan)
 11610 CHINA: CPBS-1 -- 2358 CH folk mx; 0000 pips, anct, mx. (Slagt)
 11620 INDIA: AIR -- 2045 EG; stn sked, nx re Gandhi; P. (Purdue 10/11)
 11645 GREECE: VOG -- 1546 EG nx; 1550 EG and GK ID's; 1551*. (Tutak)
 11650 CHINA: RB -- 0003 PT nx, comments, mx; heavy QRM. (Slagt)
 11675 KUWAIT: RK -- 2030-2040 EG; US pop and rock; F w/ ute QRM. (Purdue)
 11694 VENEZUELA: R. Nac. -- 0305 SP; DJ playing catchy pops. Full ID at
 0315 flwd by talks; flute/guitar mx to 0358*. (Jordan)



LOG REPORT

section D

11700 and above

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

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 1324, LA pops, frequent ID's (Rigas IL 11/4)
11705nf USA WHIRI World Harvest R. in EG 2045-2057*, "Back to the Bible" (Bobb MN 10/8)
11710 ARGENTINA RAE in EG 0134, "Tango Argentina", cmty, p (Park HI 11/1)
11735nf USA KCBI, Dallas in EG 1745, interview w/Dr. Hays of SIM Int'l, g (Bobb MN 10/8)
11745 BRAZIL R. Nacional in PT 0218-0250, mx, vocals, political tlk (Bonnet IN 10/29)
11750 WEST GERMANY(p) DW in GM 0139-0215, tlks re mx, IS 0145, ID, nx (Dillon MD 10/19)
11761 COOK ISLANDS RCI in EG 0500-0530, island melodies, US pops, ID (Jordan PA 10/10)
11780 NEW ZEALAND RNZ in EG 0415, local nx, wx, lite orch works, p (Jordan PA 10/24)
11785 WEST GERMANY DW in EG 1833, nx for African Service (Witzig 10/22)
11785 SWEDEN RSI in EG 1400-1430, ID, electronic mx festival, f (Dillon MD 10/19)
11793 COLOMBIA R. Nacional in SP 0048, tlk, ID "Cadena Caracol" (Kashiwabara CA 10/15)
11800 SRI LANKA SLBC in HD 1600, nx, ID in EG 1615 & 1630 (Field MI 10/17)
11805 BRAZIL R. Globo in PT 0200-0230, soccer match, ID's, exc (Kashiwabara CA 10/2)
11815 NETHERLAND ANTILLES TWR in EG 1230-1305, songs, ID, nx, f (Dillon MD 10/19)
11820 ASCENSION IS. BBC relay in EG 1810, "Newsdesk", feature, f (Park HI 10/18)
11825 SOCIETY IS. Papeete in FR/TT 0300-0330, nine vocals, g (Bonnet IN 10/21) song w/four letter words 0240-0244* abruptly cut off, no carrier after (Kashiwabara)
11835 URUGUAY R. EL Espectador in SP 0144-0205, tlk, ads, ID's (Tuchscherer WI 11/1)
11840 CUBA R. Moscow relay in EG 2010-2030, mx, med care in USSR (Bonnet IN 10/21)
11855nf ICELAND Reykjavik in Icelandic 1340-1348* nx?, ID at s/off (D'Angelo PA 10/12)
11890nf USA WQFC via WYFR in EG 2222, cmty, songs, g (Levison PA 10/18) ED: Apparently this one has moved from 11885 as rptd in WRTH 1986. Nov. SPEEDX also rpts 11890.
11910 ECUADOR HCJB Quito in EG/SP 0124, "Focus on the Family", ID, TC (Park HI 10/17)
11920 IVORY COAST RTVI in FR 2145-2205, relig tlk, Muslim recit, ID (Bobb MN 10/23)
11925 PHILIPPINES VOA relay in EG 1708, nx, "Nightline Africa", mx, g (Park HI 10/16)
11925sb SWEDEN RSI in SW 1900, mostly tlk, brief EG reference (Field MI 11/1)
11940 INDIA AIR in EG 1848, ID, TC, Hindi film mx, p (Park HI 10/26)
11945 FINLAND RF in EG 1330-1357, ID, interview w/TV critic (Dillon MD 10/19)
11945 CANADA RCI in EG 2128, ID, IS, preview, nx, SWL pgm, p (Park HI 10/25)
11955 UNITED ARAB EMIRATES R. Dubai in EG *1600, mournful prayer chants, mid-East instr mx, pipe at 1600, ID, nx, p (Jordan PA 10/24)
11995 USSR Byelorussia R. Moghilev in lang? 1429-1445, IS, martial mx (Bobb MN 10/25)
12015 MONGOLIA Ulan Bator in EG 1201, IS, ID, freqs, nx, QRM fr R. Moscow (Twiggs CT)
12015 CHINA R. Beijing in CH *1200-1220, IS, nx?, tlks, p (Jordan 10/24)
12020 VIEINAM VOV in JP 1214, anti-SDI cmty, ID, //10040, g (Kashiwabara CA 10/19)
13605 CZECHOSLOVAKIA R. Prague in AR 1630-1715, pips, nx?, mid-East mx (Jordan PA)
13615 USSR R. Moscow in EG 0710, cmty re Star Wars system, g (Schanke WI 10/26)
13645 USSR R. Kiev in EG *0300-0329*, IS, political cmty, g (Jordan 10/24) also in EG 0441 w/"Moscow Mailbag" and "Science and Engineering", g (Park HI 10/24)
13650 LIBYA? SPLAUBS in AR 1930, lots of AR mx w/mentions of Libya, g (Laskowski IN) ED: RDI lists Iraq in AR on this freq. during this time slot. Was ID positive?
13650 NORTH KOREA R. Pyonyang in EG *2300-2350*, ID, nx, martial mx, f (Jordan PA)
13650 IRAQ R. Baghdad in AR 2130-2200, mid-East mx, speech, chants (Jordan PA 10/24)
13665 USSR R. Moscow in EG 0240, political tlks & propaganda, g (Jordan PA 10/24)
13700 IRAQ R. Baghdad in AR 1820, lively vocals & mx, impassioned speech (Jordan PA)
13775 USSR R. Moscow in CH 0220, tlks, mx bridge, more tlks, f-g (Jordan PA 10/24)
13790nf USSR R. Moscow in EG 1510, dramatic readings of Lenin's speeches, mx (Jordan PA)
15045 DOMINICAN REPUBLIC R. Discovery in EG 2020-2130, mx, mailbag (Rigas IL 10/18) in EG 2254, gospel singing, ID (Levison PA 10/13) in EG/SP 2155, p (Fisher MA)
15090nf VATICAN STATE VR in EG 1449, ID hd the most of mxsn unreadable (Kolb NM 11/12)
15110 CZECHOSLOVAKIA R. Prague in EG *1530-1625*, IS, ID's, nx, mx (Jordan PA 10/7)
15120 NIGERIA Von Lagos in EG 1758, native mx, ID 1800, letters (Thunberg PA 11/6)
15150 CANADA RCI in EG 2140, "SWLers Digest", only 3 bcasts a week now (Park HI 11/1)
15160 AUSTRALIA RA in EG 2307, nx, jingle, prgm skeds, mx, QRM HCJB, p (Park HI 10/12)
15170 SOCIETY IS. Papeete in FR 0048, ID, TC, rock mx, ads, g (Slagt ARUBA 10/30)
15175 USSR R. Moscow via Armavir in RS 1410, tlks, interview, mx, p (Jordan PA 11/3)
15180 CHINA R. Beijing in SP 0012, tlk re disarmament & summit mtg (Slagt ARUBA 11/1)
15180 SOUTH AFRICA RSA in EG/GM 1756, IS, ID, NA, pips 1800, nx, g (Tutak WA 10/7)
15190 NO. MARIANAS KYOI Saipan in EG 0418, police mx?, low modulation, p (Park HI)
15200 GABON Africa No. 1 in FR/EG 1500-1530, nx, ID, Afro pop mx, ads, f (Hill MA)
15205 ALGERIA V. of Palestine relay in AR 1701-1801, nx, ID, PLO nx (Dillon MD 10/11)
15220 ECUADOR HCJB Quito in PT 2005, tlks, mx, test bcst to Africa, ID in EG (Bobb MN)

- 15235 LIBYA SBLAJBS Tripoli in AR 1741, speech & cheering crowd, p (Laskowski IN 10/7)
- 15235 JAPAN RJ in EG 2332, mx, interview with a male cook, f (Levison PA 10/26)
- 15250 PORTUGAL RDP in EG 1735-1751, nx, PT pops, ID & address, f (Tutak WA 10/7) in PT 1900, romantic PT songs (Slagt ARUBA 10/11)
- 15280 INDIA AIR Bombay in Gujarati 1702, Hindi mx, ID in EG, mx (Slagt ARUBA 11/1)
- 15305 NORWAY RNI in NO? 1701, IS, ID in EG, nx, cmty re Iceland summit (Laskowski 10/13)
- 15310 NORWAY RNI in EG 1305-1330, NO mx, nx, cmty re grouse hunting, f (Dillon MD 10/19)
- 15315 AUSTRALIA RA in FR 0524, DJ w/chatting, island & reggae mx, f (Park HI 10/31)
- 15315 NETHERLAND ANTILLES RN relay in SP 2354, "Estacion de la Algeria" pgm (Park 10/5)
- 15320 UNITED ARAB EMIRATES R. Dubai in EG 1604, pgm re AR lang & middle ages (Twiggs CT)
- 15335 MOROCCO RTV in AR 1400-1715, very weak at 1400 t/in but fairly strong by 1600, pgm of multi-tempo mid-East vocal/choral mx, prayers/chants (Jordan PA 10/25)
- 15345 ARGENTINA RAE in IT 2028-2055, ID, nx, tlk, vocals, f (Jordan PA 10/21)
- 15365 CANARY IS. REE relay in SP 1245-1330 & 1610-1900*, nx, cmty, sports (Jordan 10/12)
- 15365 AUSTRALIA RA in IN 0022, nx of SE Asia, ID (Slagt ARUBA 11/1)
- 15400 ASCENSION IS. BBC relay in EG 1930-2000, relig pgm, interview (Turner NY 10/7) also in EG 1830, "Quote, Unquote" quiz show, nx, review of opera mx (Park HI)
- 15410 ANTIGUA DW relay in GM 0030, classical mx, tlks (Levison PA 10/17)
- 15420 JAPAN RJ in EG 0200 f/o, nx, ID, woodpecker QRM, p (Turner NY 10/8)
- 15425 SRI LANKA SLBC in EG 1330, TC, ID, relig pgm, p (Hill MA 10/18)
- 15430 MEXICO RMI in SP 0024, marachas mx, ID, "XERM time 0630" (Slagt ARUBA 11/1)
- 15445 CHINA R. Beijing in CH 0219-0229, tlk, trad CH mx, QSB (Turner NY 10/9) in EG 0001, nx, cmnts on visit of Queen Elizabeth & arms race, f (Levison PA 10/17)
- 15460 COSTA RICA AWR in EG 0511-0520s, ID, "The Voice of Prophecy", g (Trotto FL 10/25) in SP 1815, tlk, addr, ID, drama, suddenly off 1820 (Paszkievicz WI 11/1)
- 15475 GABON Africa No. 1 in FR 1710-1745, pgm of Afro hi-life/ US soul/ pop/new wave/ and rap mx sels, many ID's, anmnts, promos, ad jingles, f-g (Jordan PA 11/3)
- 15570 SWITZERLAND SRI in EG 1330-1359, world nx, "Sunday Supplement" (Dillon MD 10/26)
- 15575 SOUTH KOREA RK in EG 0400-0500, nx, tlks, mx, interview, ID's, p (Turner NY 10/28) also in EG 0000, theme & sked, nx, cmty on last day of 10th Asian games (Park HI)
- 15595 USSR R. Moscow in EG 1440-1448*, tlk, ID 1457, mandolin mx (Hollerman AL 10/18)
- 15630 GREECE VOG in EG 1540, into GK 1547, world nx, g (Hollerman AL 10/11)
- 17575 MADAGASCAR RN relay in DT 1607, greetings to Dutch abroad, ID (Slagt ARUBA 11/1)
- 17595 MOROCCO RTVM in AR 1605, nx, ID (Johnson CA 11/2) soccer game (Slagt ARUBA 11/1) also in AR 1632-11700*, local AR mx w/live audience, phone calls, f (Dillon MD)
- 17620 FRANCE RFI in FR 1625, "Paris Calling Africa" (Slagt ARUBA 11/1) in FR 1405, old mx ("Making Whoopie"), cmnts on "The Blues", g (Levison PA 10/2)
- 17660 PAKISTAN RP in EG 1600, TC (PK & UTC), ID, freqs, nx (Twiggs CT 10/8)
- 17735 PHILIPPINES VOA relay in Tagalog 1621, political cmnty (Slagt ARUBA 11/1)
- 17775nf USA KVOH Rancho Simi, Calif. in EG/SP 2145-2230, ID's in EG/SP every 15 minutes, this station finally on the air after much advance publicity (Rigas IL 11/7)
- 17780 ITALY RAI in IT 1845, final results of IT soccer game (Slagt ARUBA 10/4)
- 17785 GABON R. Japan relay in EG *1500, IS, ID, mx, replaces 21700 (Thunberg PA 11/3)
- 17830 SWITZERLAND SRI in EG 1542, local nx, tlk re Red Cross conf in Geneva (Witzig)
- 17835 PORTUGAL? RFE/RL in RS 1615, ment on Reagan-Gorbachev summit (Slagt ARUBA 11/1) ED: Apparently the Soviets forgot to turn on their jammers.
- 17870 LIBERIA VOA relay Monrovia in EG 1611, nx, tlk re apartheid and human rights in the world (Slagt ARUBA 11/1) exotic mx, vocals from 1740-1800 (Bonnet IN 10/19)
- 17895 LIBYA SPLAJBS Tripoli in AR 1739, carrying VOGAR? (Laskowski IN 10/7) also in AR 1802-1830, revolutionary propaganda, ID, f (Dillon MD 10/11)
- 17910 QATAR(t) QBS in AR 1300-1730, extremely weak at 1300, AR mx, prayers/chants & lengthy tlks, better by 1530, best 1700, no clear ID (Jordan PA 10/25) ED: 4 1/2 hrs of AR programming and no ID! What staying power! That's enough to make a strong man cry.
- 21485 LIBERIA VOA relay Monrovia in SH 1630, freqs, nx, "VOA to Africa" (Slagt ARUBA)
- 21555sb SWEDEN RSI in SW 1350, tlk by 2 men, no ID (Hill MA 10/18) also in SW 1419-1430 ID, then into radio play, g (Trotto FL 10/25)
- 21575nf SPAIN REE in SP 1249, soccer game results (Slagt ARUBA 11/2)
- 21590 SOUTH AFRICA RSA in EG 1550-1553, IS at 1554 s/off, g (Hollerman AL 10/11)
- 21605 UNITED ARAB EMIRATES R. Dubai in EG *1330, world nx, local wx, mailbag (Hill MA)

A much better number of loggings this month. Of particular interest to members are station changes, e.g. new frequencies, new stations, changes in hours of xmsn etc. not to mention the unusually rare DX that is reported only occasionally in FRENEX or elsewhere. Thanks to all of this month's contributors and happy holidays to all.



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

FRENDX CONTRIBUTORS LIST **** DECEMBER 1986 ISSUE **** DEADLINE = 12th Month

Brian ALEXANDER, Mechanicsburg,PA.(?); Norman BOBB, Minneapolis,MN.(R1000-R600-XCR30); Arthur BONNET, W.Lafayette,IN.(DX400); Richard D'ANGELO, Wyomissing,PA.(R70); Peter DILLON, Columbia,MD.(DX400); Marlin FIELD, Hillsdale,MI.(SPR4); John FISHER, Chelmsford,MA.(R2000); Kenneth HILL, Somerville, MA.(DX1000-ICF2010); Lynn HOLLERMAN, Huntsville,AL.(DX302); Hans JOHNSON, Monterey,CA.(R71A-RF2200); Brian JONES, San Antonio,TX.(R70); Rufus JORDAN, Panama City, CA.(ICF2010-RF2800); Kevin J. KLEIN, Appleton,WI.(R71A-ICF2002); Tom LASKOWSKI, South Bend,IN.(ICF2001); Harold LEVISON, Philadelphia,PA.(R70); Sheryl PASZKIEWICZ, Manitowoc,WI.(NRD515); Wilder A. PICKARD II, Evanston, IL.(SPR4-R4B-R7); Ronald PURDUE, Byron,MN.(FRG8800); Christos RIGAS, Chicago, IL.(R2000-ICF2002); Wayne SCHANKE, Kiel,WI.(R2000-DX400); Roland SCHULZE, Stuttgart, West Germany.(R4C-SPR4-R70A); Raymond SLAGT, Aruba, W.Indies.(FRG8800-R2000-ICF7600D-DR28); Bob THUNBERG, DuBoise,PA.(R1000-CR2021-S40B-SPR4); Ron TROTTO, St.Cloud,FL.(Cr2021-Zenith-Transoceanic); John TUCHSCHERER, Neenah,WI.(R70-FRG7700); Cathy TURNER, Yonkers,NY.(R2000); Pete TUTAK, Seattle,WA.(R70); David TWIGGS, Bristol,CT.(R70); Steve WALLACE, Fleetwood,PA.(HQ180); Eric WITZIG, Annandale,VA.(R1000-Zenith"Big Black Dial").

Here we are at the end of another months column my friends. It seems that our contributors are slightly down in numbers, however those that have been submitting loggings through ye editor, have been plentiful.

I have very few comments to make this month, however as usual, I respectfully request that contributors, PLEASE cut your loggings into strips, and wherever possible, please use the Logging forms available from Headquarters and perhaps more importantly, Make sure you either print clearly or type your logs. This has no effect on me as the editor of this column, however it does weigh heavily on use of a logging by the respective column editors, if they are unable to read your log information, why should they strain their eyes and nerves, trying to decipher some of the hroglyphics that pass through their hands. As previously stated ladies and gentlemen, without these devoted editors, there would be no such thing as the FRENDX News Bulletin each month!.

Contributor Raymond SLAGT, Aruba,West Indies, has a newly purchased FRG8800 and is seeking a copy of Computer program to interface with his Commodore C-64 and the FRG8800, anyone able to help Raymond out, please contact ye editor for the mailing address.

DXer Bob Hill is generously filling in this month for Log "C" section editor Joe Freeborn, while Joe and family vacation in Nebraska. Our thanks to Bob Hill and best wishes to Joe and family for a good vacation.

Finally in ending this column for the month, and the end of another year, I would like to take this time to wish each and every member of NASWA and their families, the very best of Holiday Wishes. May you all have a plentiful Christmas and a Happy and Bountifull New Year.

Until Next Month.

Best Wishes
[Signature]

This report covers changes entered between 10/25/86 and 11/27/86.

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

Start Time (UTC)	End Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000	0100	Bulgaria	R Sofia	11720	6070							NA/W Eu		10/31/86
0000	0130	Canada	R Canada Int'l	9755	5960							NA	Tue-Sun (Sun-0030)	11/12/86
0030	0100	USSR	R Kiev	11860	11790	9765	7165	6035	6020			NA		11/21/86
0045	0355	New Zealand	R New Zealand Int'l	17705	15150							Pac/Aus	Sat only	11/14/86
0100	0130	Canada	R Canada Int'l	11940	11845	9535						LA		11/12/86
0100	0130	Japan	R Japan	17845	17810	15350	15235	11840				GOS/Asia		11/15/86
0100	0300	USA	WHRI	9690								SA/Carib		11/07/86
0101	0200	Canada	R Canada Int'l	9755	5960							NA	Sun-Mon	11/15/86
0130	0138	Greece	V of Greece	9420	7435	7395						NA	Eng news	11/16/86
0200	0330	Canada	R Canada Int'l	9755	5960							NA	Tue-Sat	11/12/86
0200	0230	Hungary	R Budapest	15160	11910	9835	9585	9520	6025			NA	Tue-Sun	11/15/86
0200	0300	Japan	R Japan	15195	9725							Americas		11/15/86
0200	0256	South Africa	Radio RSA	9615	6185	6015						NA		11/17/86
0230	0300	Sweden	R Sweden	9695								S As		11/12/86
0258	0400	USA	WHRI	7400								SA/Carib		11/07/86
0300	0330	Hungary	R Budapest	15160	11910	9835	9585	9520	6025			NA		11/15/86
0300	0330	Japan	R Japan	17845	17810	15350	15235	11840				GOS/Asia		11/15/86
0300	0330	USSR	R Kiev	11860	11790	9765	7165	6035	6020			NA		11/21/86
0330	0400	Albania	R Tirana	9760	7065							NA		11/15/86
0330	0400	Sweden	R Sweden	11705								NE		11/12/86
0330	0415	United Arab Emirates	R Dubai	15435	11940	9640	9595					NA		11/08/86
0340	0348	Greece	V of Greece	11645	9420	7430						NA	Eng news	11/16/86
0355	0630	New Zealand	R New Zealand Int'l	17705	15150							Pac		11/14/86
0400	0430	Canada	R Canada Int'l	9755	5960							NA	Sun-Mon	11/12/86
0400	0415	Hungary	R Budapest	15160	11910	9835	9585	9520	6025			NA	Wed & Sat	11/15/86
0400	0500	Japan	R Japan	9525								Americas		10/26/86
0400	0455	Romania	R Bucharest	11940	11810	9570	9510	6155	5990			NA		11/13/86
0400	0600	USA	WHRI	7400								SA/Carib		11/07/86
0500	0515	Israel	Kol Israel	17630	9435	9012	7460	7810				NA/Eu/Aus/WZ		11/02/86

0500	0600	Japan	R Japan	17810	15235	5990			GOS/As/NA/Oceania	10/26/86		
0530	0600	Romania	R Bucharest	15380	9685	9570	7135	7105	Afr	11/13/86		
0600	0800	USA	WHRI	6100					Eu/ME	11/07/86		
0630	0700	Albania	R Tirana	9500	7065				Eu	11/15/86		
0645	0715	Romania	R Bucharest	21665	17805	17790	15340	15250	Pac	11/13/86		
0700	0800	Japan	R Japan	17810	15235	15230	11955	5990	GOS/As/Am/Oc/Eu/ME	15230 Gabon relay 10/26/86		
0715	0900	Guam	KTWR	15155					Sun	11/02/86		
0720	0900	Guam	KTWR	15155					Fri-Sat	11/02/86		
0730	0800	Bulgaria	R Sofia	11720	9700				W Eu	10/31/86		
0735	0900	Guam	KTWR	15155					Mon-Thu	11/02/86		
0800	0825	Belgium	BRT	17600	9880				SE As/NA	Mon-Fri		
0800	1100	USA	WHRI	7355					Eu/ME	11/07/86		
0855	1115	New Zealand	R New Zealand Int'l	11780	9600				Aus	11/14/86		
0900	1000	Japan	R Japan	17810	15235	11955	11875	9695	7240	6065	GOS/As/Eu/ME/Oc/SA	
0930	0940	Canada	R Canada Int'l	9755	5960				Carib	Mon-Fri	11/12/86	
0930	1000	Sweden	R Sweden	15390	9565				Aus/NZ/E As		11/12/86	
1030	1100	Hungary	R Budapest	21665	21525	17710	11910	9835	Aus/NZ/Japan		11/15/86	
1100	1130	Israel	Kol Israel	15640	13725	12080	11655	11585	Eu/Aus/As		11/02/86	
1100	1200	Japan	R Japan	9695	7240				GOS/Asia		10/26/86	
1100	1130	Sweden	R Sweden	15245	9630	6065			Eu/Afr/ME	6065 M-F	11/12/86	
1100	1130	Switzerland	R Swiss Int'l	15570	11795	9870	9665		SE As/Aus/NZ		11/12/86	
1100	1300	USA	WHRI	5995					Eu/E Can		11/07/86	
1150	1220	Hungary	R Budapest	17710	15160	11910	9835	9585	6025	Eu	Mon-Fri	11/15/86
1200	1230	Romania	R Bucharest	17720	15380	11740			As		11/13/86	
1215	1245	Japan	R Japan	11875	9675				Asia		11/15/86	
1230	1300	Sweden	R Sweden	11735	9565				S As/E As		11/12/86	
1300	1400	Canada	R Canada Int'l	17820	11955				NA/Carib	Mon-Fri	11/12/86	
1300	1415	Guam	KTWR	9870					Mon-Fri	11/02/86		
1300	1500	USA	WHRI	11580					SA/Carib		11/07/86	
1400	1700	Canada	R Canada Int'l	17820	15440	11955			NA/Carib	Sun	11/12/86	
1400	1430	Japan	R Japan	9695	7280	7240	5990		GOS/As/Am		11/15/86	
1400	1430	Sweden	R Sweden	15345	9695				NA		11/12/86	
1415	1430	Guam	KTWR	9870					Sat-Sun		11/02/86	
1500	1600	Japan	R Japan	17785	9695	5990			GOS/As/Am/Eu/ME	17785 Gabon relay	10/26/86	
1500	1530	Romania	R Bucharest	11940	11775	9690	9510	7195	7145	As		11/13/86
1500	1900	USA	WHRI	15105					SA/Carib/Eu/ME		11/07/86	
1515	1530	Hungary	R Budapest	15160	11910	9835	9585	6110	Eu	Tue & Fri	11/15/86	
1530	1600	Albania	R Tirana	11835	9480				Eu		11/15/86	
1530	1600	Hungary	R Budapest	17780	15160	11910	9835	9585	As	Mon-Sat	11/15/86	
1540	1548	Greece	V of Greece	17565	15630	11645			NA	Enq news	11/15/86	

1545	1600	Canada	R Canada Int'l	17820	15325	15315	11935	11915	9555	E Eu	all ex 17m v Eu rly	11/12/86
1600	1655	France	R France Int'l	15315	11930	11805	11705	9860	6175	Afr/ME/W Eu	11705 Gabon relay	11/02/86
1600	1630	Sweden	R Sweden	9665	6065					Eu/Afr/IS As		11/12/86
1700	1730	Hungary	R Budapest	11910	9835	9585	7225	6110		Eu		11/15/86
1700	1730	Japan	R Japan	9695	5990					GOS/As/Am		10/26/86
1730	2005	New Zealand	R New Zealand Int'l	15150	11780					Pac		11/14/86
1730	1800	Romania	R Bucharest	11940	9685	9570	7135	7105		Afr		11/13/86
1800	1815	Israel	Kol Israel	11655	9930	9860	9385			Eu		11/02/86
1800	1830	Japan	R Japan	5965						As/Afr		11/15/86
1800	2030	USA	KCBI	11735								11/22/86
1830	1900	Sweden	R Sweden	9715	9605	6065				Eu/Afr/ME		11/12/86
1900	2100	USA	WHRI	11705						Eu/ME		11/07/86
1900	1930	USSR	R Kiev	7195	6165	6090	6010			Eu		11/21/86
1901	2000	Japan	R Japan	15235	11875					Aus/NZ		11/15/86
1920	1930	Greece	V of Greece	9420	7340	7395				Eu	Eng news	11/15/86
1930	2000	Bulgaria	R Sofia	11720	7115	6070				W Eu		10/31/86
1930	2000	Romania	R Bucharest	7195	7145	6055	5990			Eu		11/13/86
2000	2030	Canada	R Canada Int'l	15325	15140	11945	7285	5995		W Eu	M-F : 41/49m v UK	11/01/86
2000	2030	Israel	Kol Israel	9435	9012	7465	7410	5885		NA/Eu/Afr		11/02/86
2030	2100	Albania	R Tirana	9480						NA		11/15/86
2030	2100	USA	KCBI	11790								11/22/86
2100	2130	Canada	R Canada Int'l	15325	11960	7185	5995			W Eu	Sa/Su-2200 141/49 UK	11/12/86
2100	2130	Hungary	R Budapest	11910	9835	9585	7220	6110		Eu		11/15/86
2100	2130	Japan	R Japan	9675	7140	5995				GOS/Asia		10/26/86
2100	2200	Nigeria	V of Nigeria	15120						Eu		11/15/86
2100	2130	Romania	R Bucharest	7195	7145	6055	5990			Eu		11/13/86
2100	2130	Sweden	R Sweden	9700	6065					Eu/Afr		11/12/86
2100	2300	USA	WHRI	9770						Eu/ME		11/07/86
2101	2200	Japan	R Japan	15235	11875					Aus/NZ		11/15/86
2130	2200	Bulgaria	R Sofia	7155	7115	6070				Afr		10/31/86
2130	2200	Canada	R Canada Int'l	17820	15150	11945				Afr		11/12/86
2130	2200	Ecuador	HCBJ	17790	15270	11740				Eu		11/11/86
2200	2300	Canada	R Canada Int'l	11945	9760					W Eu	Mon-Fri	11/12/86
2230	2300	Albania	R Tirana	9480	7065					Eu		11/15/86
2230	2330	Bulgaria	R Sofia	11720	6070					NA		10/31/86
2230	2300	Israel	Kol Israel	9435	9012	7465	7410	5885		NA/Eu/LA		11/02/86
2255	0045	New Zealand	R New Zealand Int'l	17705	15150					Pac/Aus		11/14/86
2300	2400	Japan	R Japan	15235	9645	7140	5990			GOS/Am/Eu/ME	9645 Gabon relay	11/15/86
2300	2330	Sweden	R Sweden	9695	6045					NA		11/12/86
2300	0100	USA	WHRI	11770						SA/Carib		11/07/86

The Marketplace Report is published monthly in the ANARC NEWSLETTER by the ANARC DX Equipment Information Committee, P.O. Box 161, Station A, Willowdale, Ontario M2N 5S8, Canada: Harold Sellers, Chairman. News and information on equipment, companies and services of interest to radio listening enthusiasts is presented and contributions of such, from readers, are welcome.

Scanners

Cobra has entered the scanner market with the SR-16 and SR-10, 16 and 10-channel handheld units, and the SR-925 and SR-900 desk-top models. Information is available from Cobra Consumer Electronics Group, 6500 W.Cortland, Chicago, IL 60635 or telephone 1-800-COBRA 22.

The new Regency R806 mobile scanner is compact in size to fit smaller cars, but covers eight channels and six bands (30-50, 144-148, 148-174, 440-450, 450-470 and 470-512 or optional 406-420 MHz). Other features are programmable priority control, dual scan speeds, channel lockout and scan/manual control. Further information is available from Regency Electronics Inc., 7707 Records St., Indianapolis, IN 46226.



Autek Ceases Operation

Autek has gone out of business, according to our sources. Autek produced the QFIA active audio filter.

Eskab Elektronik A-B

This company, formed by Eddy Visser of the former Eska Elektronik, now offers the Phase Locked AM (PLAM) option for the Icom IC-R71 receiver. The circuit card reduces distortion caused by selective fading and also makes ECSS (or, in this case, Non-Synchronous Heterodyne Detection) almost automatic. The option was reviewed by Don Moman in the October 1986 CIDX "Messenger" bulletin, a reprint of which is available for an SASE from CIDX, #61 52152 Range Road 210, Sherwood Park, Alberta T8G 1A5, tel. 403 922-2872. Moman also operates Shortwave Horizons, a shortwave equipment retailer, and he is selling the PLAM for Cdn\$229. Also available for the Icom is a 4 kHz crystal filter, costing Cdn\$79.

continued

EQUIPMENT REVIEW

HAMMARLUND HQ-180 SERIES

The Hammarlund HQ-180, in its several versions, was a very popular receiver during the 1960's. Even today it commands a great deal of respect and is a treasured possession of many seasoned DXers. The HQ-180 still ranks as an excellent receiver, even when compared to today's modern equipment.

The HQ-180 was manufactured from 1958 to 1970. In 1959 it cost US\$429.00. It is a triple conversion superhetrodyne using 18 tubes and it tunes 540 kHz to 30 MHz. The HQ-180C was the same receiver, but with a Telecron clock timer costing an additional \$10.

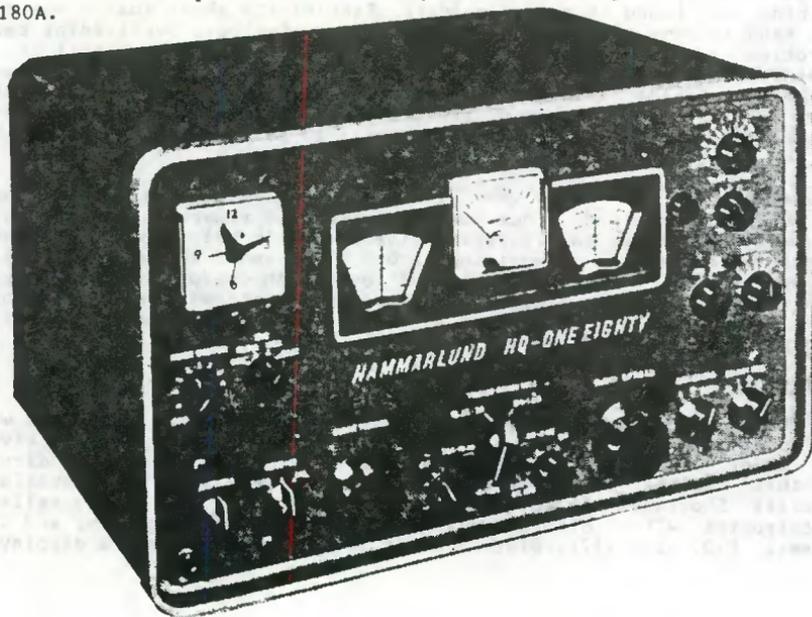
In 1963 the HQ-180A version was introduced. The "A" version differed from the plain 180 in that it had reduced initial warm-up drift because a separate filament transformer was added to keep the heaters of the high frequency oscillator and first converter tubes on all the time, even when the set was turned off. Other differences were two rear panel accessory sockets, three instead of two-position BFO switch, and a 500 ohm audio output in addition to the 3.2 ohm output. It also ran a bit cooler, because the rectifier tube had been replaced by diodes.

The HQ-180AC had the clock-timer and the HQ-180AX had an 11-position, fixed frequency, crystal oscillator assembly in place of the clock. This crystal assembly allowed the then equivalent of memory. The crystals were for most-tuned or favourite frequencies: the channel was selected and just fine tuned. An "N" in the suffix of the model indicated the presence of a noise blanker.

An uncommon version was the HQ-180AE, the E indicating that the power supply was adaptable to both European and American systems.

The price of the HQ-180A was US\$440 in the mid-60's and went up to US\$575 by the time Hammarlund and the HQ-180A disappeared in the early 70's. Prices for used HQ-180AC's, the most common version, are now around \$200 in both Canada and the United States.

Below is a picture of an HQ-180 and the specifications for the HQ-180A.



Operation and Features

The HQ-180 is dual-conversion up to 7.85 MHz and triple-conversion above that. A main tuning dial performs general tuning and a bandsread knob fine tunes. The tuning knobs connect directly to the tuning capacitors, the main dial having a 20 to 1 gear ratio. The bandsread dial may be used on the shortwave ranges (above 2.05 MHz) and has 5 kHz segments for ham bands and a 0-100 logging scale. A Vernier Tuning permits extra fine tuning +/-3 kHz off the centre of the passband, when using the SSB mode.

HQ180A

Frequency Range Covered: .54-1.05mc/s;
1.05-2.05mc/s; 2.05-4.04mc/s; 4.0-7.85mc/s;
7.85-15.35mc/s; 15.35-30.0mc/s.
Bandsread Calibration: Dial markings every
5 kc/s on 15, 20, 40 and 80 meter bands;
every 10kc/s on 10 meter band; plus arbitrary
0-100 logging scale.
Maximum Audio Output: 1.0 Watt (Undis-
torted)
Passband Tuning Range: plus-minus 3KCS
with calibration every 1 KC. 8:1 vernier tuning
ratio.
Output impedance: 3.2 Ohms (EIA Standard)
plus 500 Ohms.

Frequency readout is very good for such an older-style receiver.

There are RF Gain and AF Gain controls and an Antenna Trimmer to peak the signal strength. A 100 kHz crystal calibrator is built-in to permit the accuracy of the dial readout to be checked. When using the calibrator it is best to manually disconnect the antenna to prevent received signals from overshadowing the calibrator signal. The BFO pitch control adjusts +/-2 kHz. An AGC control allows slow, medium, fast AGC or off. An adjustable noise limiter works on local electrical pulse interference. The S-meter is large, easy to read and accurate.

Antennas using coaxial cable, twin or single wire feeder may be connected to the coaxial socket or terminal strip on the receiver's back panel.

Headphones with a 2000 ohm impedance are required on the Hammarlund. If these are not available, common 8 ohm phones may be used in conjunction with an impedance matching transformer.

For owners of the HQ-180, this recommendation from Hammarlund : remove the metal shields from around the tubes, if there are any. This will extend the tube life and should not degrade performance.

Sensitivity, Selectivity and Stability

In the 180A, stability is good due to the separate filament transformer mentioned previously. Sensitivity is very good and if the set is properly aligned, the receiver is capable of excellent DX reception. One reviewer particularly noted excellent sensitivity on 120 meters, something not found in many receivers. Sensitivity above the 19 meter (15 MHz) band is somewhat reduced, but still satisfactory. Overloading can be a problem in the presence of high-powered mediumwave stations, but certainly much less a problem than on many modern solid-state receivers. Adjustment of the Antenna Trimmer may eliminate overloading at certain times. Dallas Lankford also reports that models containing the noise blanker have poor strong signal handling performance on the AM (BCB) band. He suggests removing the noise blanker.

Selectivity is very good. The sideband switch permits selection of LSB, USB or DSB and since the BFO control is separate, AM mode may be used while listening to a separate sideband. This helps to avoid adjacent channel interference. Bandwidths of 0.5, 1, 2 and 3 kHz are available in SSB and 1, 2, 4 or 6 kHz in DSB (normal AM reception mode). Crystal filters are used. A Slot Frequency control performs the function of an audio notch filter, with 60 dB of rejection, being adjustable to remove heterodyne whistles and such.

Conclusions

The HQ-180 has many of the features a DXer desires today and which manufacturers, such as Icom, are now putting back on their receivers. It's major disadvantage would be the lack of digital frequency display, but this can be added via one of the add-on or kit displays available. Universal Shortwave (1280 Aida Dr., Reynoldsburg, OH 43068) sells the Torrestronics WTK-1 digital display for US\$135 plus shipping and Grand Systems, P.O. Box 2171, Blaine, WA 98230 also manufactures a display.

HQ-180 review continued:

The receiver is too heavy and large to want to move around, but once you've found a home for it, you'll find it very flexible and versatile. You should be prepared to pay out \$20 or more each year for tubes that need replacing and you'll need to obtain a separate speaker, since none is built-in. There is no recorder jack.

The Hammarlund HQ-180 has received many favourable comments over the years. It has been a standard upon which many newer receivers have been compared. If you can obtain an HQ-180AC and add digital readout to it for US\$400-\$500, you've got yourself a good set-up and a good deal. However, remember you'll have to deal with tubes, maintenance and weight. The HQ-180A is best suited to be used for DXing, with a solid state receiver available for casual listening, tape recording and such.

A very useful publication for the HQ-180 owner is "HQ-180 Series Manual Supplement" by Dallas Lankford. This nine-page article has many tips and is available for US\$2 plus an SASE from Dallas Lankford, P.O. Box 6145, Ruston, LA 71272-0018.

Although Hammarlund is no longer in business, spare parts can still be obtained from Pax Manufacturing Corp., 100 East Montauk Highway, Lindenhurst, NY 11757, phone (516)957-7200.

References

SPEEDX, published by SPEEDX, June 1975 issue
FRIENDX, published by North American SW Association, April 1980, June 1980, Sept.1982, Feb. 1986 issues.
HOLLOW STATE NEWSLETTER, published by Chris Hansen, P.O. Box 1226, New York, NY 10159.

continued :

According to Radio Netherlands Media Network on October 17th, Eskab will also have a modification available for the Japan Radio NRD-525 soon. The mod will reduce an IF hissing sound, improve selectivity, add PLAM and possibly add a VHF converter covering 87 to 130 MHz. The mod will not be in kit form, so Eskab will market, in Europe and possibly North America, the receiver already modified. Further information may be obtained from Edvis, Box 32001, S-20064, Malmoe, Sweden.

Panasonic RF-B20 Receiver

This receiver has replaced the RF-B50 model and is selling for a suggested list price of US\$99.95 or Cdn\$169.95.

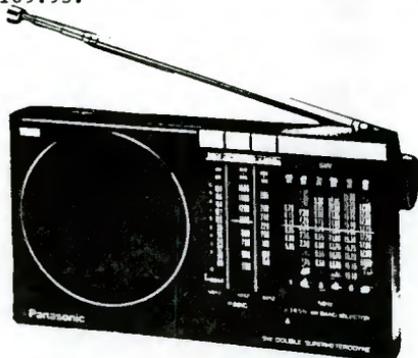
Features include: six shortwave bands (49,41,31,25,19,16 meters), FM/MW/LW, power lock switch, double superheterodyne circuit, 3 "AA" batteries, 0.32 kg weight and 9.0x16.5x2.8 cm dimensions.

Latest Information

Both the Kenwood R-5000 and Ten-Tec RX-325 are expected to be on the market shortly, as this is written (early November).

Sony AIR-8

This handheld receiver is being sold by Spectronics, Inc., 1009 Garfield St., Oak Park, IL 60304, (312)848-6777 for US\$270.



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